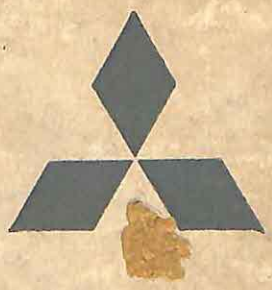
EMINENT

EDUCATIONISTS

OF INDIA



2122
13.12.69

EMINENT EDUCATIONISTS OF INDIA

S.C.E.R.T., West Bengal
Library
Calcutta
25/3, B. C. Road

1969

National Book Organisation
'National House', Najafgarh Road, New Delhi-15.

EMINENT EDUCATIONISTS OF INDIA

1969

Copyrights reserved by Publishers.

Price : **Rs. 37-50.**

S.C.E R T., West Bengal
Date 13.12.69
Acc. No. 2122

923.7
NAT

The entire material in a particular life-sketch has been supplied under signature by the respective honourable educationist and the NBO does not accept any responsibility for the correctness or otherwise of the information given. The material/information was collected during late 1967 and upto mid 1968 and any change due to passage of time could not be rectified, which is regretted.

Printed and published by National Book Organisation, National House, Najafgarh Road, New Delhi-15. (Phone : 586980) and printed at M/s. Crescent Printing Works (P) Ltd. 14/90, Connaught Circus, New Delhi-1. Editor—Satish Chandra.

ACCURATE * DEPENDABLE

*** ELEGANT**

Direct Importers of :

WATCHES, CLOCKS, TIMEPIECES & THEIR SPARE PARTS

Sole Distributors for Whole of India

'PERFECTA, STRANCO, ORILIO, USHA'

SWISS & GERMAN WATCHES

Indenting Agents for TITONI

RAM KISHAN DASS & SONS

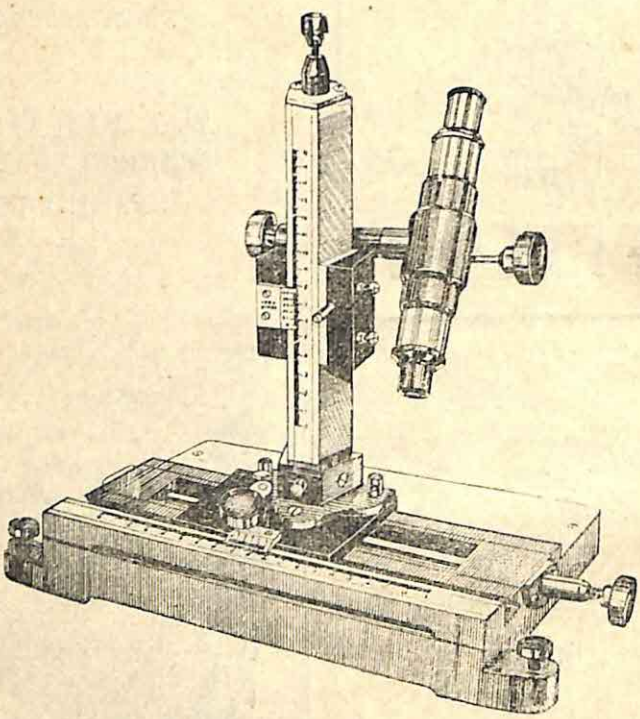
202, Church Mission Road, Fatehpuri, Chandni Chowk, DELHI-6.

Grams : **STRANCO**

Phone : **227761**

Labaids

TOWARD THE BETTER INSTRUMENTATION :



Accurate & Quality Instruments For

Physics • Chemistry & Biology

Please Contact

Labaids

UA-7, Jawahar Nagar, Delhi-7. (India).

CONTENTS

Abbreviations	vi
Preface	ix
Biographies in Alphabets of	
A	1
B	30
C	73
D	95
E	120
F	121
G	122
H	146
I	151
J	153
K	170
L	195
M	199
N	237
O	250
P	251
Q	278
R	279
S	311
T	379
U	393
V	396
W	409
Y	411
Z	413

ABBREVIATIONS

GENERAL

Add	Address
Admn	Administration
Agri	Agriculture
Agrl	Agricultural
AIR	All India Radio
AMU	Aligarh Muslim University
A. P.	Andhra Pradesh
Anth	Anthropology
App	Applied
Arch.	Archaeology
Assoct	Associate
Asstt	Assistant
b	Born
BHU	Banaras Hindu University
B&R	Building & Roads
c/o	Care of
Cert.	Certificate
Chem	Chemistry
Const	Construction
Cttee	Committee
Deptt	Department
Dip	Diploma
Dip LibSc	Diploma in Library Science
Dist.	District
Divn	Division
Edn	Education
Elect	Electrical
Engg	Engineering
Engr	Engineer
Exam	Examination
Exp	Experience
Govt	Government
Genl	General
Gynae	Gynaecology
H. P.	Himachal Pradesh
Hobb	Hobbies
Hony	Honorary
IIPA	Indian Institute of Public Administration
ISPA	Indian School of Public Administration
IARI	Indian Agricultural Research Institute
ICMR	Indian Council of Medical Research
IVRI	Indian Veterinary Research Institute
J&K	Jammu & Kashmir
Jr.	Junior
Lab	Laboratory
Ling	Linguistic
Lib Sc	Library Science
M. S.	Maharashtra State
M. P.	Madhya Pradesh
Maths	Mathematics
Mech	Mechanical
Med	Medical
Mem	Member
Mfg.	Manufacturing
Obst	Obstetrics
P. H.	Public Health
Pharm.	Pharmacy
Prof	Professor
Pub	Published
Resch	Research
Secy	Secretary
Sr	Senior
Supdt	Superintendent
Tech	Technical
Techy	Technology
Trg	Training
UK	United Kingdom
U. P.	Uttar Pradesh
USA	United States of America
USSR	Union of the Soviet Socialist Republics
Univ.	University
Vol	Volumes
W. B.	West Bengal

DEGREE ABBREVIATIONS

BE	Bachelor of Engineering
BE (Chem)	Bachelor of Chemical Engineering
BE (Elec)	Bachelor of Electrical Engineering
BE (Mech)	Bachelor of Mechanical Engineering
BE (Met)	Bachelor of Engineering in Metallurgy
BSc (Agri)	Bachelor of Science in Agriculture
BSc (Chem.Engg)	Bachelor of Chemical Engineering
BSc (Tech)	Bachelor of Science in Technology
BSc (Vety)	Bachelor in Veterinary Science
B VSc & AH	Bachelor of Veterinary Science & Animal Husbandry
D.Litt.	Doctor of Literature
D Phil.	Doctor of Philosophy
Dr.Ing.	Doctor of Engineering
D.S.C.	Doctor of Science
LL.B.	Bachelor of Law
M.A.	Master of Arts
M.Ch.E.	Master of Chemical Engineering
M.D.	Doctor of Medicine
M.E.	Master of Engineering
M.Ed.	Master of Education
M.S.	Master of Surgery
M.S. (Agri)	Master of Science in Agriculture
M.S. (Mech.Engg)	Master of Science in Mechanical Engineering
M.S.	Master of Science
M.Sc.	Master of Science
M.Sc. (Agri)	Master of Science in Agriculture
M.Sc. (Elect)	Master of Science in Electrical Engineering
M.Sc. (Met)	Master of Science in Metallurgy
M.S.W.	Master of Social Work
M. Tech.	Master of Technology
M.V.Sc.	Master of Veterinary Science
Ph D.	Doctor of Philosophy

DIPLOMA & CERTIFICATE ABBREVIATIONS

AMIE	Associate Member of Institute of Engineers
DCE	Diploma in Chemical Engineering
DCH	Diploma in Child Health
DCP	Diploma in Clinical Pathology
DGO	Diploma in Gynaecology & Obstetrics
DTD	Diploma in Tuberculosis
DTM	Diploma in Tropical Medicine
DTM & H	Diploma in Tropical Medicine & Hygiene
FACD	Fellow of American College of Dentists
FACP	Fellow of American College of Physicians
FACS	Fellow of American College of Surgeons
FRCP	Fellow of Royal College of Physicians
FRCS	Fellow of Royal College of Surgeons

For all your requirements in ;

1. Laboratory Glassware of Corning, Sigcol, Pyrex, German & Czech make.
2. Glass Blown Apparatus according to your sketch is our speciality.
3. Laboratory Reagents of S. Merck, B.D.H., German, Poland and other renowned makes.
4. 'CHOCO' brand quality acids (C.P., A.R. and Fuming),
5. Balances and Weights of quality makes.
6. Filter Paper Whatman & German (Packets & Reams)
7. Hot Air Ovens, Incubators, Water Baths, Distillation Apparatus.

Please Write to :

CHOPRA & CO.,

7, UA, Jawahar Nagar,
DELHI-7

Grams : **CHOCO** *Phone :* **227234**

FOR LIBRARY, SCHOOL, COLLEGE & UNIVERSITY BOOKS

Please contact

GAYA PRASAD & SONS

Publication Dept.
Educational Publishers and Booksellers

Bankey Vilas, City Station Road,
AGRA - 3.

AUTHORS & WRITERS are specially requested to please contact us for their publications in Hindi & English in various subjects.

MAP EMPORIUM

RETAILORS, WHOLESALERS, ORDER SUPPLIERS & PUBLISHERS

MAPS, CHARTS & GLOBES

29/1, Shaktinagar, Delhi-7.

PREFACE

We are pleased to present this first Edition of EMINENT EDUCATIONISTS OF INDIA to our revered readers.

It has taken enormous time and resources to come out but it could not be helped in view of the vastness and enormity of the project.

We hope to be excused for any changes in information that might have come due to the passage of time between the submission and printing of sketches.

We believe, discounting all mistakes that are bound to occur in every human venture, that this publication will be of great referential value to a large variety of readers, administrators and heads of institutions. We should be known or be know-able to all those who at any stage may be interested in us on any reason. Hence the justifiability and utility of this publication.

In the next edition, with a view to cut short the time consumption in its production, we propose to :

(i) put life sketches without any alphabetical order or importance-wise, *i.e.* these will be printed in the order they are received in this office,

(ii) for easy reference the names of all lives included will be given in alphabetical order under 'CONTENTS'

Whereas it may not be acceptable in some quarters the above change will have the greatest advantage of reducing the time factor to the minimum, yet retaining its feasibility for quick reference.

We are heartily thankful for the valuable co-operation extended to us from all quarters and shall welcome all suggestions aimed to better this publication.

—EDITOR

FOR THE SERVICE OF

A SURGEON, A PATHOLOGIST & A SCIENTIST

We manufacture and stock

* SURGICAL & SCIENTIFIC INSTRUMENTS
* LABORATORY EQUIPMENTS AND GLASS WARE
* LABORATORY CHEMICAL OF B. D. H., S. Merck and rare imported chemicals
* SOLE SELLING AGENTS OF 'DOCTOR' Record Syringes

For all reliable information, please refer your requirements to us, even if for information sake only

Orient (India & Overseas) Traders

Bhagirath Palace, Delhi-6.

THE TARA SCIENTIFIC APPARATUS WORKSHOP

(Regd.)

(Established : 1956)

Manufacturers & Suppliers of :

PRECISION INSTRUMENTS ● GLASSWARE ● CHEMICALS & SURGICAL GOODS

Phones : 222323 (Office)
222884 (Works)

7286, Prem Nagar,
(Near Birla Mills)
DELHI-7.

Phone : 770 (Office)
37 (Resi)

Grams : SHIKARI

Please Contact

HIMALAYA ARMS

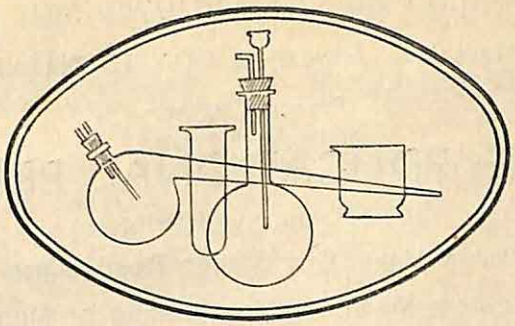
Gandhi Road, Dehra Dun.

for

MODERN ARMS * FRESH AMMUNITIONS * HUNTING & SHOOTING REQUISITES

Safe Custody, Repair of Fire Arms a Speciality.

Modern Scientific Sales Corpn. (Regd)



Dealers in

Chemical, Physical & Biological Apparatus Physiological Models and Charts, Analytical Balances and Weights-Surgical Instruments, PURE CHEMICALS for Research and Industrial Laboratories.

33/2, Shakti Nagar, Delhi-7.

INSIST ON

MAC INDIA

The trusted name in

* MICROSCOPES ALL TYPES
* MICROTOMES & ACCESSORIES
* PHARMACY & PHARMACOLOGY EQUIPMENTS
* ENTOMOLOGICAL REQUIREMENTS
* LABORATORY EQUIPMENTS
* SURGICAL INSTRUMENTS
* GLASSWARE, BLOWN APPARATUS
* LABORATORY CHEMICALS & STAINS

Please Contact :

Macro Scientific Works (Regd)

10A/UA, Jawahar Nagar, Delhi-6.

Phone : **222500**

FOR QUALITY PRINTING IN *HINDI* AND *ENGLISH*

Books, Magazines, Journals & CONFIDENTIAL Printing

Please Contact

THE EDUCATIONAL PRESS

(Govt. Approved Printers)

Bankey Vilas, City Station Road, Agra-3.

Equipped with Latest Machinery for Casting of Mono Types, Composers, Printing and Binding and are Approved Govt. of India & States Printers.

Please Stay at

VICTORIA HOTEL, DEHRA DUN

Biggest Hotel in the City

Just Near Railway Station, All Bus Stands, Post & Telegraph Office & Shopping Centre

For homely comforts, centrally situated, bright and airy, single, double rooms and big halls, fitted with ceiling fans and electric call bells, with open verandahs on both sides and attached bath rooms, modern flush system, fountain in front and open space on all sides, 24 hours running water, and also car parking arrangements. Moderate charges, Best Dishes of every taste and liberty to passengers to cook their own food. Bedding available on extra charges. Courteous staff. Arrangements for sight-seeing.

When in Mussoorie stay at HIMALAYA CLUB

Phone : 486

Prop. Chawla Sahib

VENUS

STAINLESS STEEL CUTLERY

— SERVES THE HOME

Manufacturers :

SIKAND STEEL INDUSTRIES

20, W. D. M. C., Najafgarh Road,

NEW DELHI-15.

BOOKS FOR MODERN MINDS

Ramakrishna & Vivekananda

and writings of

Swami Vivekananda

Sister Nivedita

and
Translations of the Immortal

UPANISHADS
BRAHMA-SUTRAS
BHAGVAD GITA

and various works of

Sankaracharya

Please Write for complete price list :

ADVAITA ASHRAMA

5, Delhi Entally Road, CALCUTTA-14.

For your requirements of :

* LABORATORY APPARATUS & CHEMICALS
* PHYSICAL INSTRUMENTS
* BIOLOGICAL GOODS
* CHARTS ON ALL SUBJECTS
* MAPS & MODELS
* SCIENTIFIC BALANCES

Please Contact

Standard Scientific Instrument Co.

(Regd.)

27/12, Shakti Nagar, Nagia Park,

DELHI-7.

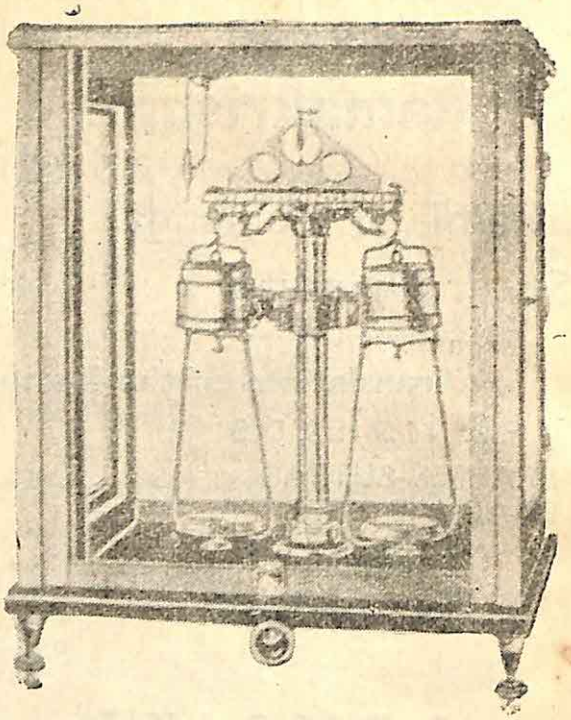
Phone : **224154**

ACCURATE

BANARAS

MADE

BALANCES



MICROSCOPES, OPTICAL & ELECTRONIC

INSTRUMENTS

and many more items .....

REGAL SCIENTIFIC CO.

173-E, Kamla Nagar, Delhi-7.

Phone : **227842**

While at Dehra Dun or on to Mussoorie

Please Stay at

CONNAUGHT HOTEL

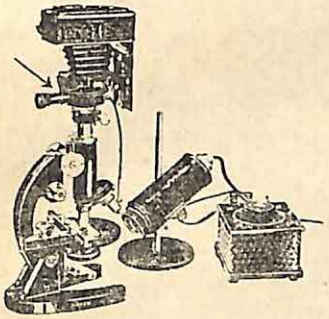
Chakrata Road, Dehra Dun

ATTACHED BATHROOMS * BEST INDIAN CUISINE * MODERATE CHARGES * TOURS ARRANGED * SHOPPING CENTRE AND OTHER IMPORTANT PLACES NEARBY

Grams : CAPSICO (Delhi) *Estd :* 1918 *Phone :* 274916

The Capital Scientific Instrument Co. (P) Ltd.

6, Netaji Subhash Marg, Daryaganj,
DELHI-6.



Manufacturers & Importers of :

SCIENTIFIC, SURGICAL,
LABORATORY GOODS & CHEMICALS
since 1918

Specialists in Medical Microscopes and other optical accessories—Analytical Balances with German Components.
All Sorts of Physics Instruments

SUMAN CHEMICO

Manufacturers of :

S
U
SUMAN
A
N
(*Trade Mark*)

All Sorts of Laboratory Chemicals
INORGANIC, ORGANIC
and introducing
METERS, A-METERS, VOLT-METERS & G. METERS.

Head Office : 10/123, East Gandhi Nagar, Delhi-31.
Branch : 35, U. A. Jawahar Nagar, Delhi-7.

For all your requirements such at

Scientific Instruments, Balances, Laboratory Chemicals, Biology Goods, Models, Charts, Specimen etc.

SEASCINS

Laboratory Glass Porcelain Wares, Also Visual Aids and Family Planning Models

Please Contact :

Searchlight Scientific Industries

65-UA Jawaharnagar, Delhi-7 (India).

a

ABBAS, Khwaja Ahmad—Writer, Director and Producer of Films, Juhu, Bombay-54; *b* 7 June 1914 at Panipat in Dist. Karnal; *Edn.* B.A., 1933 and LL.B., 1935 from AMU, Aligarh; *Pub*: About 30 books published so far, in English, Urdu, Hindi and many translated into foreign languages—the prominent books include 'Mussolini and Fascism', 'Face to Face with Khrushchov', 'Till We Reach the Stars', 'Return of the Red Rose' etc; *Honours:* A doctorate has been awarded by the Moscow Univ. for his thesis and literary works; *Mem:* Progressive Writers Association; Advisor, Bhartiya Gyan Pith; Visiting Prof. Film Institute of India, Poona; *Knows:* Urdu, Hindi, English and a little Russian; *Visited:* has travelled round the world several times on his journalistic assignments; *Hobb:* Hiking, photography; *Add*: Juhu, Bombay-54.

ABDE ALI—Head, Dept. of Technology, Osmania Univ., Hyderabad since 1964; *b* 8 September 1911 at Hyderabad; *Edn*: M.S. (Ceramic Technology) in 1932 from Illinois Univ. (USA); *Resch Exp:* guided several research students in ceramic and glass technology, published many papers in scientific journals; *Pub*: twenty papers mostly in the scientific journals of America, England etc; *Exp:* 24 years in the Dept. of Technology, Osmania Univ.; *Mem :* Indian Science Congress, Indian Ceramic Society, Academic Council and Senate of the Osmania Univ., Dean, Faculty of Technology; member, Executive Council of Central Glass & Ceramic Research Institute, Calcutta 1964-66; *Knows:* English, Hindustanee, French, German & Arabic; *Visited:* Univ. of Alfred & Univ. of Illinois in U.S.A., Univ. of Sheffield in U.K. for study and research; *Hobb* : Tennis ; *Add* : Dept. of Technology, Osmania Univ., Hyderabad.

ABIDI (Dr.) S.A.H.—Reader, Dept. of Persian, Univ. of Delhi, Delhi; *b* 1 July 1921 at Ghazipur in U.P.; *End:* M.A. (Persian) in 1943, Ph.D. (Persian) in 1947 from Agra Univ., D. Litt. (Persian) in 1956 from Tehran Univ.; *Resch Exp:* of 24 years; *Pub:* Vikram Urvashi (Persian)', Gulzar-i-Hal', 'Mathnaviyyat-i-Fani-Kashmiri' besides 74 research papers published in journals of India and abroad; *Exp:* St. Stephen's College, Delhi and Univ. of Delhi ; *Mem*: Convenor, Board of Studies in Persian, Punjab Univ. ; Member, Indo-Iran Society, New Delhi; Member, Advisory Board of the Institute of P.G. Studies & Research in Arabic & Persian, Bihar; Member, Board of Studies in Persian in the Univ. of Osmania, Indore and Patna; *Knows:* Arabic, Persian, Urdu, Hindi and English; *Visited:* Univ. of Tehran, Iran and Univ. of Kabul in Afghanistan for higher studies and research: *Add:* Dept. of Persian, Univ. of Delhi, Delhi.

ABRAHAM, P.S.—Principal, Karmela Rani Training College, Quilon since August 1960 ; *b* 11 May 1903 at Karthigappally, Dist. Quilon; *Edn:* M. Ed. 1933, and Dip. in Education 1934 Univ. of Leeds (UK); *Resch Exp:* for one year on thesis for M.Ed degree; *Exp:* Department of Education, Kerala Govt.; Training College, Trivandrum, Training College, Quilon; *Mem:* Board of Studies in Education (P.G.), Kerala Univ; Faculty of Education; Chairman Board of Examiners, Kerala University; *Visited:* U.K.; *Knows* : English and Malayalam; *Add* : 'Samariam', Kowdiar, Trivandrum.

ACHAL, Ayodhay Prasad—Principal, J.J. Degree College, Gaya since July 1960 ; *b* 23 July 1924 at Lucknow; *Edn:* M.A. (Phil.) in 1947 from Lucknow Univ., M.A. (Psy) in 1955 from BHU; *Resch Exp:* Has submitted thesis on 'The Concept of Mental Diseases in Ancient Indian Medical Literature'; *Pub*: Books on 'Abhishap', 'Allah Ishwar Tero Nam', 'Vivah hi Kyon ?', 'Balmanovigyan ki Rooprekha', 'Samanya Manovigyan', 'Kagaz ki Nao', 'Manaviki Paribhashik kosh-Manovigyan Khand (Edited)' besides numerous

research papers and popular articles published in well known magazines and journals; *Honours:* Awarded D. Sc. in Ayurveda for his outstanding contributions; *Exp:* Head, Dept. of Psychology and Philosophy, S. Sinha Degree College, Aurangabad (Gaya) for 13 years; *Mem:* Indian Science Congress; A.B. Darshan Parishad; Member, Standing Cttee, A.I. Ayurveda Mahasammelan; Member, Kashi Nagri Pracharini Sabha; Bihar Rajya Ayurveda Vigyan Sammelan; Member Standing Cttee, Bihar Hindi Sahitya Sammelan: *Knows:* Hindi, Urdu, English & Sanskrit; *Hobb* Writing and sightseeing; *Add:* J.J. Degree College, Gaya.

ACHAR, S. Ramakrishna—Head Master, Attur High School, Attur Worth, S.K. Dist., Mysore State since July 1966; *b* 22 January 1911 at Sanoor in Dist. South Kanara; *Edn:* B.A., L.T. in 1934 from Madras Univ.; *Pub:* Books on 'Health and Civics for Pupils in Primary Schools', 'Text Book in General Science for High School Classes' besides a few papers published; *Exp:* St. Agnes High School, Mangalore 1933-40; High Schools under South Kanara Dist. Board for 26 years 1940-66; for past two years in the Attur High School, Attur; *Mem:* Local Library Authority; *Genl:* Closely associated with the activities of the Department of Extension Services; *Knows:* Kannada and English; *Hobb:* Public speaking and agriculture; *Add:* P.O. & Vill. Sancor Dist. S. Kanara.

ACHARYA, Giriraj Kishore—Principal, Smt. Vijaya Raje Scindia Degree College, Adokhar, Dist. Bhind since 1962; *b* 4 February 1924 at Misauli, Dist. Etah; *Edn:* M.A. (Pol. Science) 1955 from Agra Univ., M.A. (Hindi) 1962 from Jiwaji Univ., Sahityaratna in Hindi, 1952 from Sahitya Samalen, Prayag; *Pub:* Paper on the death of Tatya Tope; *Exp:* Saraswati M.P.H.S. School, Adokhar; *Mem:* Faculty of Arts, Jiwaji Univ; Vice President, Madhya Bharat Hindi Sahitya Sabha, Gwalior; All India President, Akhil Bhartiya Vidyarthi Parishad; *Genl:* engaged in dacoity eradication scheme through education in the dacoits infested areas of Bhind; *Knows:* Hindi, English, Oriya & Marathi; *Visited:* Nepal Univ., Kathmandu in connection with the exchange of students from India and Nepal; *Hobb:* Sightseeing; *Add:* Smt. Vijaya Raje Scindia Degree College, Adokhar, M.P.

ACHARYA (Dr.) Harendra Kumar—Asstt. Director, Chem. Division, Defence Science Laboratory, Metcalfe House, Delhi-6 since November 1964; *b* 1 December 1908 at Comilla in Dist. Tipperah, E. Pakistan; *Edn:* M.Sc. (Physical Chem) in 1934 from BHU, D.Sc. (Active Carbon) in 1942 from Calcutta Univ., Ph.D. (Electron Diffraction studies on single crystal surface of metals) in 1948 from London Univ., D.I.C. in 1948 from Imperial College, London; *Resch Exp:* has done wide research on subjects like 'Physics & Chemistry of Surfaces, Electron Diffraction Studies, Chemistry of Silicones, Explosives and Food; Techniques specialised in Electron Diffraction, Electrophoresis, Electron Microscope, Chromatography, Electrolytic Polishing, Sorption Balance, Electrochemical studies, Metal single crystals etc; *Pub:* about 25 research papers published and/or presented at important scientific congresses; *Honours:* Awarded Nagarjun Prize, Calcutta Univ, 1939; Sir Rash Behari Ghosh Research Fellow 1938-41; Board of Scientific & Industrial Research Scholar 1942-44; Sir Tarak Nath Palit Foreign Fellow 1944-48; Briston Meyer Research Fellow, Stanford Univ., 1944-45; Sir J.C. Bose Research Fellow 1949; *Exp:* Prof. & Head, Dept. of Chemistry, Institute of Armament Studies, Kirkee 1960-61; *Mem:* Indian Science Congress Association; *Genl:* Holds titles of 'Vyakaran Teertha' and 'Vidyavinode' in Sanskrit Grammar and literature; *Knows:* Bengali, English, Sanskrit Hindi, German, French and Russian; *Visited:* U.S.A., Canada, U.K. for higher studies; *Hobb:* Literature and philosophy; *Sports:* Contract Bridge; *Add:* Chem. Division, Defence Science Laboratory, Metcalfe House, Delhi-6.

ACHARYA, Priya Vrata—Vice Chancellor, Gurukula Kangri Vishwavidyalaya, Hardwar since March 1967; *b* 16 September 1906 at Karnal, Haryana; *Edn:* Vidyavachaspati (Ved) in 1929 from Gurukul Kangri Vishwavidyalaya, Hardwar; *Resch Exp:* wrote thesis on Vedic subjects; *Pub:* 'Varun ki Nauka', 'Mera Dharma', 'Veda ka Rashtriya Geet', 'Vedodyan ke Chune Huye Phool', 'Vedon ke Rajneetik Siddhanta', besides numerous works on the Vedas and in some branches he is considered an authority; *Exp:* Principal, Dayanand Updeshik Mahavidyala, Lahore 1935-43; Pro-Vice-Chancellor Guru Kul Kangri Vishwavidyalay, Hardwar 1943-67; *Mem:* Bhartiya Vidya Bhawan, Arya Pritinidhi Sabha, Punjab; Acting Chairman of Academic Council, Syndicate of Gurukula Kangri Vishwavidyalya, Hardwar; *Genl:* delivered thousands lecturers in various social, educational, cultural conferences and Arya Samajic gatherings; *Knows:* Sanskrit, Hindi and English; *Hobb:* Hiking and gardening; *Sports:* Hockey: *Add:* Gurukul Kangri Vishwavidyalaya, Hardwar

ACHARYA, Ravindra Bhavanishanker—Principal, N.M. Shuddha Ayurved College, Porbandar since 1965; *b* 18 July 1926 at Porbandar; *Edn*: learned ayurveda by practical experience stretching over last 17 years; *Pub*: 'Sharir Rasayan Vyapar'; *Mem*: Senate & Board of Studies in Panchakarma of Gujrat Univ.; *Genl*: practising ayurveda, which is traditional since seven generations; *Knows*: Gujrati, English and Sanskrit; *Hobb*: Reading, writing, drawing, music ; *Add*: Shantiniketan, Station Road, Porbandar.

ACHARYULU (Dr.) M.V.R.—Prof. & Head of the Dept. of E.N.T., Gandhi Medical College. Hyderabad since 1967; *b* 27 April 1918 at Mogaltur in Dist. W. Godavari; *Edn* M.B.B.S. in 1950 from Stanley Medical College, Madras; Diploma of American Board of Otolaryngology in 1956. Fellowship of American College of Surgeons in 1958; Fellowship of International College of Surgeons in 1958; *Pub*: Papers on 'Metastatic Hypernephrome occurring in the nasal septum', 'Bezold's Mastoiditis producing Hypoglossal Nerve Paralysis', 'Osteomyelitis of Maxilla infants' in Archives of Otolaryngology; read several papers on conferences; *Honours*: selected by the Indian Medical Association to specialize in ENT Diseases in Mc Gill Univ., Montreal, Canada; offered Fulbright Travel Grant in 1951; Guest Speaker before the Academy of Medicine, New York in 1955. Guest Speaker before the American American College of Surgeons of Westchester Country in 1956; *Exp*: Senior House Surgeon in Stanley Hospital and Stanley Medical College, Madras 1946-47, Sr. House Surgeon and P.G. Student in Madras Medical College and Govt. General Hospital 950-51; Post-Graduate student and Senior Interns in Royal Victoria Hospital Montreal Canada & Mc Gill Univ. 1951-52; School of Medicine, New York 1952-54; Clinical Fellow, Columbia Univ., St. Luke's Hospital, New York 1954-56; Additional Prof., ENT Gandhi Medical College, Hyderabad 1965-67; *Mem*: Secy. Association of Otolaryngologists of India 1957-58; Secy. Indian Medical Association, Warangal Dist, 1958-62; President Indian Medical Association. Warangal Dist., 1963-64; Member, Standing Committee on Standardization of Hearing Aids of the Association of Otolaryngologists of India from 1959 till now; Secy. Indian Medical Association, Hyderabad City 1966-67; Member to the Govt. body of Association of Otolaryngologists of India from 1966 uptodate; Secy. to the Association for the Rehabilitation of the Deaf, Blind and Mute of Andhra Pradesh; *Knows* English, Telugu, Tamil and Hindi; *Visited*: Royal Victoria Hospital in Montreal, Canada and School of Medicine in New York Univ., U.S.A. for post-graduate training; *Hobb*: Classical music and public speaking; *Add*: Dept. of E.N.T., Gandhi Medical College, Hyderabad.

ADAVAL (Dr.) Subodh B.—Head, Dept. of Education, Univ. of Allahabad since February 1967; *b* 10 September 1919; *Edn*: M.A. (Hindi) in 1941 from Allahabad Univ, B.T. in 1942 from Agra Univ., M. Ed. in 1947, D. Phil. in 1952, from Allahabad Univ., A.I.E. (London) in 1955 from Univ. of London; *Resch Exp* : conducted survey of Primary Education in the city of Ajmer, investigated the quality of Teachers under Training, reported on the 'Training of Secondary School Teacher in the U.K.'. worked on the qualities of Teachers in Ancient and Medieval Times' now working on the 'Personality study of effective and ineffective Teachers' for D. Litt.; Guiding research students on educational subjects; *Pub*: 'Bhartiya Shiksha Sidhanta', 'Swapnloak Ka Rahasyodghatan', 'Sammanya Shiksha Sidhanta', 'Teacher Education in the U.K.', 'Samanya Shiksha Manovigyan , besides about 50 articles and research papers contributed to educational journals in India and abroad; *Exp*: Lecturer 1943-48, Senior Lecturer 1948 at Teachers Training College, Ajmer; Head. Dept. of Education, Dharam Samaj Training College. Aligarh 1948-49; Lecturer in Education, Central Institute of Education, New Delhi 1948-49; Lecturer in Education, Allahabad Univ., 1949-55; Head Deptt. of Education, Allahabad Univ. 1955-66; Head, Dept. of Teacher Education, National Institute of Education, New Delhi 1966-67; *Mem*: Member, Committee of Courses in Education, Allahabad Univ. since 1949 and Chairman since 1955; Member, Faculty of Arts since 1949; Member Academic Council, University Court of the Allahabad Univ.; Member, Board of Studies in Teacher Training, Agra Univ., Member, Board of Studies in Education, Gorakhpur Univ., Saugar Univ.;

Jabalpur Univ., Vikram Univ, Patna Univ.; Member, Standing Committee of Experts in Education, Technical Terminology Commission, New Delhi; Member, Standing Research Committee, NCERT, Delhi; Member Publications Committee of NCERT, Delhi; Member, Panel of Experts for writing Books for Training Colleges, NCERT, Delhi; *Visited*: U.K., France & Switzerland as a Commonwealth Relations Fellow in 1954-55, visited the U.S.A. as a Fulbright and Smith-Mundt grantee in 1959-60, visited E. Germany to attend an international Conference on Teacher Training at Gustrow in 1966; *Knows*: Hindi, English & Urdu; *Add:* 19/5A, J.L. Nehru Road, Allahabad-2.

ADINARAYAN, (Dr.) *Samuel P.*—Head, Dept. of Psychology, Dy. Vice-Chancellor of Annamalai Univ.; Annamalainagar since 1957; *b* 23 October 1904 at Madras; *Edn:* M.A. (Philosophy) 1929, M. Litt in 1950, Ph.D. (Psychology) (1952) from Madras University, M.A. (Psy, Univ. of London with distinction; *Pub*: 'The Human Mind', 'Social Psychology,' 'The Case for Colour'; *Exp* : St. John's College, Agra; Madras Christian College, Madras; *Mem* : President Indian Academy of Applied Psychology 1964-65; *Knows:* English, Tamil & Telugu; *Visited:* Visiting Professor, Lawrence College, Appleton, Wisconsin, U.S.A. 1953-54 and Visiting Professor, Davidson College, Davidson, N. Carolina, U.S.A. 1965; Magdalen College, Oxford, *Add:* Annamalai Univ., Annamalainagar.

ADONI (Dr.) Damodar Laxman—Head, Dept. of Marathi, Saugar Univ., Sagar since 1946 ; *b* 20 April 1914 at Wani, Dist. Yeotmal; *Edn.* M.A. (Marathi) 1940 Nagpur Univ., Ph. D. 1967 from Saugar Univ.; *Resch Exp:* Thesis in Marathi on 'Historical Review of the Semantic Changes in some important words from Jnaneshwari'; *Pub:* 'Malini' besides several papers in English, Hindi & Marathi dealing with historical semantics in Marathi; *Exp*: Mahila Vidyalaya, Sagar; Hindu College, Sagar; *Mem* : Vidarbha Samshodhan Mandal, Nagpur; Maharashtra Sahitya Parishad, Poona; Vidarbha Sahitya Sangh, Nagpur, M.P.; Marathi Sahitya Sangh, Bhopal; Jnanopasana Niketan, Poona; *Knows* : English, Hindi & Sanskrit ; *Hobb* : Reading, writing, cultural activities; *Add*: Head, Dept. of Marathi, Saugar Univ., Sagar.

ADVANI, Rupchand Mansingh—Principal, Malaviya Regional Engg. College, Jaipur since March 1967; *b* 4 July 1922 at Karachi, West Pakistan; *Edn*: B.E. (Civil) in 1944 from Bombay Univ.; *Resch Exp*: 23 years in various capacities; *Pub*: 'Text Book of Hydraulics' in co-authorship with Shri V.G. Garde, besides about 70 papers contributed to journals and conferences in India and abroad; *Honours :* awarded Gold Medal and cash prize by the Union Ministry of Irrigation & Power for the paper Computation of Back Water Curves in Open Channels; awarded Prime Minister's Prize for the paper 'Educating the Engineers of the Future'; awarded Govt. of Rajasthan Merit Pay of Rs. 50/- P.M. in May 1962, the citation being 'commendable research work done in the field of Civil Engg' ; *Exp*: Supervisor in Sind P.W.D. 1944-46 ; Asstt. Prof. in N.E.D. Engg. College, Karachi 1946-47; Technical Asstt. in the Central Designs Office of C.P.W.D., New Delhi 1947-48, Lecturer in Thompson College of Engg., Roorkee 1948-54 ; Prof. of Civil Engg. in M.B.M. Engg. College, Jodhpur 1954-63 ; Prof and Head of Civil Engg. Deptt. in M. R. Engg. College, Jaipur 1963-67 ; *Mem*: M. I. E., American Society of Civil Engineers, International Association for Hydraulic Research Chairman of Rajasthan Centre of Institution of Engineers (India); *Knows:* English, Hindi & Sindhi ; *Visited:* Newzealand, Australia, Czechoslovakia, U.K. and various other countries in the Continent and Europe to deliver lectures in various universities; *Hobb:* Reading and writing ; *Sports:* Tennis & cricket; *Add:* B-1, M.R.E.C. Staff Colony, Malaviya Nagar, Jaipur-4.

AGARWAL, Babu Lal—Head, Dept. of Maths., Bipin Behari College, Jhansi since July 1959 ; *b* 2 January 1908 at Chhatari in Dist. Bulandshar ; *Edn* : M. Sc. (Maths) in 1930 from Allahabad Univ. ; *Pub* : Text Books on 'Algebra', 'Vector Analysis' and 'Theory of Equations', all for B. Sc. classes; *Exp* : Christian Inter College, Mainpuri 1934-35 ; Christian Inter College, jhansi 1935-47 ; D.A.V. Inter College, Bulandshahr 1947-48 ; B.B. Inter College, Jhansi 1948-59 ; *Genl* : sincere and earnest towards duties and students welfare ; *Hobb* : Excursions, sight-seeing and photography ; *Add* : 281/3, 1/S Sainyar Gate, Jhansi, U.P.

AGARWAL (Dr.) Bipin Kumar—Reader in Physics, Allahabad Univ., Allahabad since 1966 ; *b* 2 April 1931 at Fatehpur ; *Edn* : M. Sc. (Physics) in 1952, D. Phil (Physics) in 1956 from Allahabad Univ. ; *Resch Exp* : 15 years in experimental and theoretical physics ; *Pub* : Two books for post-graduate students, about 40 papers published in scientific journals of India and abroad ; *Exp :* Lecturer, Physics Dept., Allahabad Univ., 1952-66; *Mem* : Life Member, Indian Physical Society ; *Genl* : Held one man shows of his oil-paintings at Rochester New York, and New Delhi ; published a collection of Hindi poems, plays etc. ; editor of Ka Kha Ga, a quarterly journal of ideas in Hindi ; *Knows :* Hindi & English ; *Visited :* U.S.A. ; *Hobb* : Oil painting & poetry ; *Add* : Bank Road, Allahabad.

AGARWAL (Dr) Chandra Prakash—Lecturer, Dept. of Hindi, Badri Vishal Degree College, Farrukhabad since September 1966 ; *b* 19 January 1916 at Farrukhabad; *Edn* : Sahitya-ratna, 1958, from Hindi Sahitya Samelan, Allahabad ; LL.B. in 1942, M.A. (Hindi) in 1959, Ph. D. (Hindi) in 1967 from Agra Univ. ; *Resch Exp* : 8 years experience, thesis in Ph. D. was on 'Shrimad Bhagwat evam Vrindabanasth Sampradayon ke Krishna ka Tulnatmak Adhyan ; *Pub* : Novels : 'Nyaya Ke Nam Par' and 'Kartavya' both approved for production of feature films ; Short Stories : 'Rashmi' & 'Swapne' ; *Exp* : as independent practising lawer 1943-46; Rastogi Vidyalaya, Farrukhabad 1946-48; Adarsh Sanskrit Pathshala, Pachpukhra, Farrukhabad 1957-59 ; Madhavram Degree College, Farrukhabad 1961-62 ; *Mem* : P.E.N. ; *Genl* : Worked as a Bench Magistrate II Class 1961-67 ; learnt commercial art and general and fiction courses ; *Knows* : Hindi English, Urdu, Sanskrit and Bengali ; *Hobb* : Drawing and journalism ; *Add* : Kedar Nath Street, Senapat, Farrukhabad, U.P.

AGARWAL, Indra Prakash—Dean, Prof. & Head of the Dept. of Anatomy, M.G.M, Medical College, Indore since September 1967 ; *b* 30 June 1924 at Fatehpur in U.P. ; *Edn:* M.S. (Anatomy) in 1951 from K.G. Medical College, Lucknow ; F.A.M.S. in 1963 from Indian Acadmy of Medical Sciences ; *Resch Exp:* for 17 years; *Pub:* over 50 papers in reputed research journals ; *Exp:* K.G. Medical College, Lucknow 1946-51; G. R. Medical College, Gwalior 1951-67; *Mem :* Acting member of Congenital Anomalies Research Association of Japan, Fellow of the Academy of Medical Sciences, Genl. Secy. of Anatomical Society of India ; *Visited :* Johns Hopkins School of Medicine, Baltimore, U.S.A. for teaching and research ; France, U.K., Holland & Belgium for observation and research ; Japan in April 1968 to attend several Conferences *Knows:* English & Hindi. *Hobb:* Teaching & research ; *Add:* 9, Residency Area, Indore.

AGARWAL, Jai Chand—Principal, K.L. Polytechnic, Roorkee since 1962; *b* 7 August 1932 at Saharanpur ; *Edn*: B E. (Electrical) in 1954 from Univ. of Roorkee, Roorkee ; *Exp:* K.L. Polytechnic, Roorkee ; *Mem:* Associate Member of the Institution of Engineers (India); *Knows:* Hindi, Urdu & English ; *Add:* K.L. Polytechnic, Roorkee.

AGARWAL (Dr) Jyoti Prasad—Head, Maths. Dept., Agra College, Agra since July 1963; *b* 1 May 1907 at Jagnair in Dist. Agra; *Edn* : M.A. (Maths) in 1931 (first class first with Univ. Gold Medal) from Agra College, Agra; Ph. D. (Fluid Dynamics) in 1957 from Agra Univ,; *Resch Exp* : Guiding research scholars in fluid dynamics; *Pub:* 'Analytical Trignometry for B. Sc.' besides several papers published; *Exp* : Meerut College, Meerut; *Mem* : Board of Studies in Maths., Academic Council, Senate in Agra Univ., member National Academy of Sciences of India *Genl* : Sarvodaya worker; *Knows* : Hindi, Sanskrit & English; *Add*: Swadeshi Bima Colony, Agra.

AGARWAL (Dr.) Krishnachandra Bisheshwardayal—Reader in Civil Engineering, Univ. of Roorkee, Roorkee since 1957; *b* 5 July 1935 at Ahmedabad: *Edn*: M.E. (Soil Mechanics & Foundation Engg) in 1962 from Univ. of Roorkee; D.I.C. (Soil Mech) in 1967 from Imperial

College, London; Ph. D. (Soil Mech) in 1967 from Univ. of London; *Resch Exp :* for past 10 years supervising M.E. thesis; *Pub:* Book on 'Earth Manual' for diploma classes besides a few articles published in scientific journals; *Honours:* awarded GOLD MEDAL from Univ. of Roorkee in 1957, awarded Certificate of Merit in 1965 for research paper; *Exp* : Dept. of Irrigation U.P. 1955-56; *Mem* : AMIE (India), Indian National Society of Soil Mechanics & Foundation Engg., Indian Society of Earthquake Technology; *Knows* : English, Hindi, Gujrati and Sanskrit ; *Visited* : Imperial College, London for higher-studies; *Hobb* : Chess; *Sports* : Table Tennis, badminton, tennis etc., obtained 'Runner up' prize in Table Tennis, Univ. of Roorkee in 1957; *Add* : Dept. of Civil Engg., Roorkee Univ, Roorkee.

AGARWAL (Dr.) Prem Chandra—Reader in Geography, Ravishanker University, Raipur since 1965; *b* 20 October 1927 at Ahraura in Dist. Mirzapur; *Edn* M.A. (Geog) in 1948 from Allahabad Univ., Ph. D. (Geog) in 1960 from Saugar Univ.; *Resch Exp* : of about 17 years; *Pub* : 'Human Geography of Bastar District' besides over a dozen of research papers on geographical subjects of M.P.; *Exp* : Univ. of Saugar 1955-65; *Mem*: International Geographical Congress (India-1968), Association of Geographers (Jodhpur), M.P. Geographical Society (Sagar), Chhattisgarh Geographical Association (Raipur), Indian Council of Geographers (Patna), Indian Science Congress (Calcutta). *Genl:* Director, Summer School in Regional Development, October 1967, organised by the Dept. of Geography, Ravishankar Univ; *Knows :* Hindi & English; *Visited* : Canada, U.S.A., U.K., France, Germany, Switzerland, Italy and U.A.R. on training and study purposes; *Add*: Dept. of Geography, R.S. Univ.. Raipur.

AGARWAL, Radhey Krishna—Head, Dept. of Commerce, M.B. College. Udaipur since 1948; *b* 20 December 1908 at Moradabad ; *Edn:* M. Com. in 1949 from Agra Univ.; *Pub* : 'Auditing in Outlines', 'Advanced Accountancy','Intermediate Book-Keeping','Vyapar evem leka Sanchalan', 'Business Methods for High School'; *Exp* : S.D. College, Beawar; Hindu Inter College, Moradabad; M.B. College, Udaipur; Govt. College, Bhilwara; Univ. of Udaipur; *Mem*: Boards of Studies in Accounts and Statistics in Rajasthan, Udaipur & Vikram Universities; Member, Faculty of Commerce, Jiwaji Univ., Gwalior, Member Boards of Studies in Commerce, Jodhpur Univ., Member Board of Studies, Hr. Sec. Board, New Delhi; Chairman Faculty of Commerce, Udaipur Univ.; *Knows:* English, Hindi & Urdu ; *Hobb* : Reading ; *Add*: Dept. of Commerce, M.B. College, Udaipur.

AGARWAL (Dr) Radhey Shyam—Lecturer, Dept. of Mathematics, Univ. of Roorkee, Roorkee since 1965; *b* 14 May 1940 at Deoband in Dist. Saharanpur; *Edn:* M. Sc. (Maths) in 1960 from D.A.V. College, Muzaffarnagar; Ph. D. (Applied Maths) in 1966 from Roorkee Univ.; *Resch Exp :* for 3 years; *Pub:* 5 research papers published in scientific journals of India and abroad; *Exp* G.S.D.N Inter College, Parikshitgarh (Meerut) for 3½ years; Govt. College, Bijnor for 8 months; *Knows*: Hindi & English; *Hobb* newspapers and books reading; *Add* : Dept. of Maths., Univ. of Roorkee, Roorkee.

AGARWAL (Dr) Ram Chandra—Lecturer, Dept. of Business Admn., Birla Institute of Technology & Science, Pilani since 1966; *b* 21 March 1926 at Agra; *Edn* : M. Com. in 1950 from Meerut College, Meerut; Ph. D. (Management Problems of Public Enterprises) in 1958 from Agra Univ.; *Resch Exp* : guiding research students, two of whom have been awarded Ph. D.; *Pub* : A Book on 'State Enterprise in India'; *Exp* : Gauhati Univ, Assam 1950-51; Meerut College, Meerut 1951-59; S.D. College, Muzaffarnagar 1959-66; *Mem* : Executive Council, All India Commerce Association; Member, Board of Studies in Commerce, Agra Univ.; Member, Executive Council, J.V. Jain College, Saharanpur; *Knows*: English, Hindi & Marathi; *Hobb* Reading and writing; *Add*: Dept. of Business Admn., B.I.T.S., Pilani.

AGARWAL (DR) Shridhar—Prof. & Head, Dept. of Pathology, Medical College, Jabalpur since April 1965 ; *b* 1 August 1930 at Mandla (M.P.); *Edn* : M. Sc. (Pathology) in 1957 from Medical College, Nagpur ; *Resch Exp* : Submitted thesis on 'Histopathological study of tumours of breast' for M. Sc.; guiding research work ; *Pub* : More than 30 research papers published in Medical Journals of India and abroad ; *Honours* : Merit Scholarship holder at Medical College, Nagpur ; *Exp* : House Officer 1 year ; Demonstrator in Pathology 2 years, Medical College, Nagpur ; Lecturer in Pathology 1½ year, Reader in Pathology for 5 years at Medical College, Jabalpur ; Prof of Forensic Medicine, Medical College, Bhopal 1½ year ; *Mem* : Indian Association

of Pathologists, Indian Medical Association, M. P. Cancer Association ; *Knows* : Hindi & English ; *Hobb* : Photography including photomicrography ; *Add* : Dept. of Pathology, Medical College, Jabalpur.

AGARWAL, Sushil Kumar — Lecturer in Civil Engg., Univ. of Roorkee, Roorkee since August 1966 ; *b* 18 August 1939 at Bijnor; *Edn:* M.E. (Structures) in 1966 with honours from Roorkee Univ. ; *Resch Exp:* for 2 years in the field of structural engg ; *Pub:* a few papers; *Exp:* Asstt. Engineer in Irrigation Dept., U.P. 1961-64 ; *Knows* Hindi & English ; *Hobb* : Photography, games, squash, tennis ; *Add* : C/o Shri Raghunath Prasad Agarwal, Bukhara, P.O. & Dist. Bijnor.

AGARWALA, Amar Narain—Prof & Head, Dept. of Commerce & Business Admn., Univ. of Allahabad ; Sr. Prof. and Head, Motilal Nehru Institute of Research, Allahabad Univ.; Director, Agro-Economic Research Centre, Min. of Food & Agri., Govt. of India, New Delhi; *Edn* : M.A. (Econ), D.Litt; *Pub* : 43 books in English, 21 books in Hindi, over 120 research articles, papers, addresses, reports, survey researches contributed so far ; *Exp* : Lecturer in Economics 1939-50 in Allahabad Univ. ; On research deputation in Labour Dept., Govt. of India, 1943-44 ; Head. of Dept. of Economics, Saugar Univ. 1947-48 ; Reader, Allahabad Univ. 1950-56 ; Prof. of Commerce & Management 1956-66, Allahabad Univ.; Director, Agro-Economic Research Centre, Govt. of India 1964-66,, Head Motilal Nehru Institute of Research 1965-66, Dean, Faculty of Commerce 1958-61 and 1963-66; *Honours* : awarded Univ. Silver M.A. Medal in 1939 Queen Empress Victoria Jubilee Medal 1939, Murarka prize on Socialism in 1940, Mg. Editor of Indian Journal of Economics 1943, Founded (alongwith Sir Padampat Singhania, Prof. B.N. Das Gupta and Prof. M.K. Ghosh) the Indian Commerce Association in 1947, Founded the Indian Journal of Commerce in 1947, delegate of the Cultural and Goodwill Mission to China in 1955, Visiting Professor to U.S. Universities 1960, Presided at all India Seminar of Commerce Education organised by the Univ. of Punjab in October 1962, delegate of the Govt. of India to the International Management Congress in New York City in Sept. 1963, selected Chairman of International Committee for Management Development in Developing Countries (New York City) 1963, presided at the Conference on Methodology of Social Science Research, Gandhian Institute of Studies, Nov. 1964 ; Visiting Professor to the Michigan State University, USA ; Representative of the Inter University Board of India and Ceylon on the All India Board of Technical Studies in Management, 1965; *Mem* : Panel of Economists, Planning Commission, Govt. of India ; Member, Panel of Agriculture, Planning Commission Govt. of India ; Member, Committee on Transport Economics and Transport Management; UGC, New Delhi ; Member, Rural Industrialization Project Committee, U.P. Govt. ; Member, Editorial Board, Indian Journal of Economics ; President International Committee for Management Development in Developing Countries ; Member, All India Board of Technical Education in Commerce, Ministry of Education, Govt. of India ; Member, Univ. Grants Committee, Govt. of U.P.; Technical Adviser, Public Service Commission, U.P. ; Executive President, World Univ. Service, Allahabad Univ. Branch; Founder President, Univ. Film Society, Allahabad ; Founder Chairman, All Flags Club, Allahabad Univ.; Founder, Oriental Cultural Association, Allahabad Univ. ; Member, Lions International, Allahabad Gymkhana Club, Indian Economic Association, Indian Labour Economics Association, Indian Rural Economics Association, All India Convention of Heads of Commerce Departments, Indian Committee for Management Development ; *Visited* : Michigan Univ., USA ; Columbia Univ., USA ; Japan 1961 and 1965; Philippines in 1965; Singapore in 1965 ; China in 1955 ; *Add* : Dept. of Commerce & Business Administration, Univ. of Allahabad, Allahabad.

AGARWALA, Bhagwat Saran—Prof. & Head, Dept. of Chemistry, Agrawal College, Jaipur since July 1963 ; *b* 23 August 1936 at Kanpur ; *Edn* : M. Sc. (Org. Chem) in 1956 from Meerut College, Meerut ; *Resch Exp* : for one year on 'Oxidation of Organic Compound by V+5' ; *Exp* : N.R E. College, Khurja 1956-62 ; S. D. College, Muzaffarnagar 1962-63 ; *Mem:* Indian Science Congress Association, Member, Indian Chemical Society ; Member, Rajasthan Univ. & College Teachers' Association and Secy. of the Jaipur unit ; Member, Faculty of Science, Univ. of Rajashtan, Jaipur ; Member, Agrawal Shikasha Samiti ; *Hobb* : Reading and travelling ; *Add* : Dept. of Chemistry, Agrawal College, Jaipur.

AGARWALA, K. D.—Principal, Deva Nagri Post-Graduate College, Meerut City since 1958; *b* 2 January 1915 at Amroha in Dist. Moradabad; *Edn*: M.A. (English) in 1937 LL.B. in 1937 from Lucknow Univ., B. T. in 1942 from BHU, M.A. (Economics) in 1947 from Agra Univ. ; *Resch Exp*: working on the project 'Economic Development of the Uttar Pradesh since Independence'; *Exp*: Principal of Vaish Inter College, Shamli 1946-51 ; Principal of D.N. Inter College, Meerut 1951-58 ; Principal of Hindu College, Moradabad 1960-62 ; *Mem*: Rotary Club ; *Knows*: English & Hindi ; *Hobb*: Newspaper reading ; *Sports* : Tennis ; *Add*: Deva Nagri P. G. College, Meerut.

AGARWALA (Dr.) Shri Narain—Director, Demographic Training & Research Centre, Chembur, Bombay-71 since April 1967 ; *b* 9 January 1920 at Ferozabad in Dist. Agra ; *Edn*: M. A. (Economics) in 1946 from Allahabad Univ., M. A. (Economics) in 1956 from Princeton Univ. (USA), Ph. D. (Economics) in 1957 from Princeton Univ.; *Resch Exp* : of 12 years in the field of Demography and Population Problems ; *Pub* : 'Population', 'Corrected Age Data of the 1931 Indian Census', 'Some Problems of India's Population', 'Age at Widowhood in India', 'Family Planning in selected villages' 'Attitude towards family Planning in India', 'Age at Marriage in India', 'Indian Population—Some Problems in Perspective Planning' ; *Honours* : awarded Wattumull Memorial Prize in 1960 for research in the field of Family Planning in India; *Exp:* Asstt Prof. Economics, Allahabad Univ. 1947-55 ; Institute of Economic Growth Delhi 1957-67, *Mem. :* International Union for the scientific study of population ; *Genl:* Staff member of the Social Affairs Division of the United Nations Economic Commission for Asia and the Far East at Bangkok for 6 months ; *Visited :* U.S.A. ; *Knows :* English & Hindi ; *Add :* 5, Balrampur House, Allahabad.

AGASHE (Dr.) (Mrs.) Nirmala Shripad—Head, Dept. of Math., Shivaji Univ., Kolhapur since July 1964; *b:* 11 November in 1939 at Coondapoor in Dist. South Canara; *Edn :* M.Sc. (Maths) 1960, Ph.D. (Geometry) in 1963 from Karnatak Univ.; *Exp:* Lecturer in the Dept. of Maths., Shivaji Univ.; *Mem:* Indian Mathematical Society; Tensol Society, Japan; *Knows*: Kannada, English, Hindi & Marathi; *Add:* Dept. of Maths., Shivaji Univ., Kolhapur.

AGASHE (Dr.) Shripad Narayan—Lecturer in Botany, Shivaji University, Kolhapur since 1964; *b* 30 December 1939 at Poona; *Edn:* M.Sc. (Botany) in 1961 from Univ. of Poona, Ph.D. (Botany) in 1964 from Washington Univ., USA; *Resch Exp:* for seven years; *Pub:* 5 papers published in scientific journals on subjects—A New Sporangium from the American Carboniferrous, The Extra-Xglory tissues in certain calamites from the American Carboniferrous, some exceptionally large calamite stems, The pteridophyte flora of Kolhapur District, The phloem studies of Pteridophytes; *Exp:* in the Shivaji Univ., Poona for past 4 years; *Mem:* American Fern Society, International Society of Plant Morphology; *Knows:* English, Marathi and Hindi; *Visited:* Washington Univ., USA, for Ph.D.; Univ. of Edinburgh, U.K. to attend the International Botanical Congress in 1964; *Hobb:* Photography and indoor-games; *Add:* Botany Dept., Shivaji Univ., Poona-4.

AGASHE (Dr.) Vasant Vaman—Lecturer, Dept. of Physics, Poona Univ., Poona since 1963; *b:* 27 January 1934 at Malharpeth in Dist. Satara; *Edn:* M.Sc. (Spectroscopy) in 1959 & Ph.D. in 1965 from Univ. of Poona; *Resch Exp:* for 9 years; *Pub:* about 10 papers on 'Intensity Variation , 'Determination of Heights', 'Spectro-photometry' Emission Mechanisms of the night airglow radiations at 5577A°, 5893A°, 6300A°', Automatic Photometer Design', 'Upper Atmosphere Temperature from twilight study' etc.; *Exp:* S.P. College, Poona-2 for 1 year; Fergusson College, Poona-4 for 1 year; Univ. of Poona for the past 5 years; *Knows:* Marathi, English, German, French; *Add:* 1229, Sadashiv Peth, Poona-2.

AGNIHOTRI (Dr.) Balram Sadashiv—Member, Bihar Educational Service and Research Staff, Mithila Institute of Research and P.G. Studies in Sanskrit since 1959; *b:* 27 October 1916 at Dharangaon in Dist. Jalgaon; *Edn:* M.A. (Sanskrit) in 1942, M.A. (Phil.) in 1944, T.D. in 1941 and Ph.D. (Sanskrit) in 1948 from Bombay Univ.; *Resch Exp:* produced thesis on 'The Investigation of Yoga in the Vedic Literature;' *Exp:* Prof., Kaivalyadhama Yogic Institute, Lonavla 1948-52 ; Prof. and Head, Dept. of Sanskrit & Philosophy in Hitkarini College, Jabalpur 1953-59; *Pub:* Edited the 'Kadambari Katha Sara' book; *Knows:* Hindi, English, Sanskrit ; *Add:* P. & V. Dharangaon, Dist. Jalgaon.

AGRAWAL, Damodar Dass—Head, Dept. of Mech. Engg., Maulana Azad College of Technology, Bhopal since March 1963; *b:* 6 July 1930 at Nimchana in U.P.; *Edn*: M.E. (Applied Thermody, Refrigeration and Air-Conditioning) in 1960 from Univ. of Roorkee; advanced training in Design of Air-Controlling Systems 1965 in Canada under the Colombo Plan; *Resch Exp:* Guiding M.Tech. thesis, and doing research on Heat and Mass Transfer Problem in Human Comfort'; *Exp*: 6 years in the industrial establishment; teaching under-graduate and post-graduate classes for past 12 years; *Mem*: American Society of Mechanical Engineers ; American Society of Heating, Refrigerationing and Airconditioning Engineers; Indian Society of Refrigerating Engineers, associate member of Institute of Engineers (India); *Knows*; Hindi, Urdu and English; *Visited*; Canada, USA, U.K. under Colombo Plan for research work in the field of Air-conditioning; visited Ireland, France, Germany, Italy on pleasure trip; *Hobb*: Student activities, reading technical journals; *Add*: Dept. of Mech. Engg., M.A. College of Technology, Bhopal.

AGRAWAL, Dinesh Chandra—Lecturer, Dept. of English, Univ. of Rajasthan, Jaipur since July 1960; *b* 1 July 1933 at Sadabad in Dist. Mathura, *Edn*: M.A. (English) in 1955 from Agra College, Agra; *Resch Exp:* Has specialised on 'Hopkins as a literary Critic'; *Pub:* A Paper on 'Hopkins on Tennyson' in Vanasthalia Patrika; *Exp*: Agra College; 1955-59; S.S. College, Mukandgarh 1959-60; *Mem:* A.I.E.T.C.; *Knows:* English, French, Hindi and Sanskrit; *Hobb:* Games and writing reviews; *Add*: D-2, Ganeshmarg, Bapunagar, Jaipur.

AGRAWAL, Gulab Chandra—Lecturer, Business Admn., Univ. of Allahabad since 1957; *b:* 1 July 1935 at Allahabad; *Edn:* M.Com. in 1955, LL.B. in 1957 and L.S.G.D. in 1956 from Univ. of Allahabad; *Exp:* Working on the project 'Public Sector with special reference to Steel Industry of India'; guiding students for their D. Phil; *Pub:* Several research articles published in the Indian Journal of Commerce, the Journal of Commerce etc; presented papers at All India Commerce Conference at Poona (1964) and Lucknow (1967); *Exp*: Joined Allahabad Univ. 11 years back; *Mem:* All India Commmerce Association; All India Committee for Development of Management Education in India; Case Workshop, Administrative Staff College of India, Hyderabad; Treasurer, All Flags Club, Univ. of Allahabad; Secy., Seminar on Planning of Business Education and Research in India, held at Mussoorie (1963); *Knows:* English and Hindi; *Visited* I.C.A.M.E., Stanford Univ., U.S.A., 1963-64 for attending Seminar on Marketing Management; also visited Hongkong, Japan, U.K., Holland, Belgium,

Greece, Italy, France Swtizerland, W. Germany for acquainting himself with management practices prevalent there; *Hobb:* Swimming; *Add:* 9, Uncha Mandi, Allahabad-3.

AGRAWAL (Dr.) Naresh Chandra—Head, Univ. Dept. of App. Econ. and Com., Magadh Univ., Gaya since 1966; *b* 22 May 1927 Gaya; *Edn:* M Com., 1949, Allahabad Univ., Ph.D. (The Population and Food Problem of India) 1958, Lucknow Univ.; *Pub:* 'The Food Problem of India, 'Monetary Economics', several papers and articles especially in Economic Review, Kurukshetra & Industrial Times etc.; *Exp:* Gaya College, Gaya 1949-64; *Mem:* Senate. Academic Council, Faculty, Board of Courses & Studies, Magadh Univ. Gaya; All India Commerce Association; *Knows:* Hindi & English; *Add:* Dept. of Commerce, Magadh Univ., Gaya.

AGRAWAL (Dr.) Padma—Reader, Dept. of Psychology, BHU, Varanasi since 1954; *b* 19 January 1922 at Varanasi ; *Edn*: M.A. (Phil) in 1945 and Ph. D. (Psychology) in 1950 from BHU; *Pub* : Books on 'Manovishleshyan Aur Mansik Kriyayen', 'Vyavharika Manovigyan', 'Manovigyan Aur Shiksha', 'Prateekwad', 'Symbolism : A Psychological Study' edited Encyclopaedia of Humanity, Psy. Vol., besides about 50 papers published in eminent journals and newspapers; *Exp* : teaching in BHU for the past 14 years in the Dept. of Psychology ; *Honours* : Chairman, Protective Home, Varanasi; Ex-Judge, Juvenile Court, Varanasi; *Knows* : Hindi and English; *Visited* : Rome, Italy, to participate in the Seminar organised by International Psychosomatic Association; also visited Switzerland, France, Holland etc ; *Hobb* : Reading and writing; *Add* : New Readers' Colony No. 12, BHU, Varanasi.

AGRAWAL, Pandurang Balmukund—Principal, Lal Bahadur Shastri Mahavidyalaya, Dharmabad, Dist. Nanded since April 1967; *b* 4 October 1933 at Jalna in Dist. Aurangabad; *Edn* : M.A. (Hindi) in 1958 from Osmania Univ.; Dip in Linguistics in 1966; *Resch Exp* : in the field of Medieval Poetry; *Pub*: several research articles published in the College and other magazines; *Exp* : All Saints School, 1956; Govt. City College, Hyderabad 1957; Govt. College, Aurangabad, 1958; Arts and Commerce College, Jalna 1959-63, Yeshwant College, Nanded 1963-64; Maulana Azad College, Aurangabad 1964-67; *Mem* : Court, Academic Council, Faculty of Arts, Board of Studies of the Marathawada Univ.; *Genl* : interested in educational upliftment of rural population; *Knows* : Hindi, Marathi, Urdu, Gujrathi and English; *Hobb* : Reading, discussion on literary topics and general education; *Add* : Kadarabad, Jalna, M.S.

AGRAWAL, Pramod Kumar—Technical Asstt, School of Basic Sciences & Humanities, U.P. Agrl. Univ., Pant Nagar since October 1967 ; *b* 9 August 1944 at Bareilly ; *Edn :* M. Sc. (Bio-Chem) in 1965 from U.P. Agrl. Univ., Pantnagar; Certificate in German, 1967 from Univ. of Delhi ; *Resch Exp :* On the Project 'Study of Heat Resistance in a Bacterial Nucleosidase', 'Immunochemical Studies with Antigens from Filarial Parasites' and at present working on 'Factors influencing dipicolinic acid synthesis in Bacterial spores with special reference to the inhibitors of Germination' ; *Pub :* Several research papers published or presented at Conferences ; *Exp :* U.P. Agrl. Univ. Pantnagar 1963-65; *Mem :* Chairman, Literary Society U.P. Agrl. Univ., Pantnagar ; Member Univ. Dramatic Club, Music Society, 4-H Club, Tillage Club ; Convenor, Seminar & Journal Club, Biochemistry Divn., National Institute of Communicable Diseases, Delhi ; *Knows :* Hindi, English & German; *Hobb* : Tourism, photography, acting, reading and writing ; *Add :* c/o late Master Sita Ram, Alam Giri Ganj, Bareilly, U.P.

AGRAWAL , Ram Singh—Principal, M.G. Polytechnic, Hathras since August 1964 ; *b* 15 June 1926 at Ujhani in Dist. Budaun ; *Edn* : B.E. (Civil) 1948 from Roorkee Univ., Roorkee ; *Exp :* P.W.D. , Govt. of U.P.; *Mem :* A.M.I.E. , Indian Road Congress ; *Knows :* Hindi & English ; *Hobb :* Photography ; *Add :* M.G. Polytechnic, Hathras.

AGRAWAL, Shyam Sunder Lal—Head, Dept. of Education, N.R.E.C. College, Khurja since July 1962; *b* 1 January 1933 at Jahangirabad in Dist. Bulandshar; *Edn*: M.A. (Geog) in 1957 from Univ. of Allahabad, B.Ed. in 1959 from A.M.U., Aligarh standing first in the Univ.; M. Ed. in 1966 from Univ. of Delhi; *Pub:* a number of papers on different aspects of Indian education, like 'General Education at the University level', 'Administrative responsibilities of the school teachers in the Reconstructed scheme of Education, problems of Teacher Education in India; *Exp:* S.D. Inter College, Ghaziabad 1957-58; A.K. College, Shikohabad 1959-60; as Asstt. Prof. of Education in N.R.E.C. College, Khurja 1960-62; *Mem*; National Association of Teachers Educators in India, Alumini Association, C.I.E., Delhi, District Advisory Committee of Education; *Knows* : Hindi, Urdu & English; *Hobb*: Tour, excursion, Dramatics and musical performances; *Add* : Dept. of Education, N.R.E.C. College, Khurja.

AGRAWAL, Ved Prakash—Principal. D.A. V. College, Muzaffarnagar since July 1967; *b* 22 March 1926 at Meerut ; *Edn*: M.Sc. (Zoology) in 1947 from Agra College Agra; Ph. D. (Zoology) in 1948 from London Univ., London; *Resch Exp*: for 13 years, 5 students obtained their Ph.D., 13 working under him at present ; *Pub*: Books on 'T.B. of Vertibrate Zoology', 'Manual of Practical Zoology', 'General Zoology', besides more than 100 research papers in Indian and foreign journals; *Exp*: Meerut College, Meerut for 2 years; as lecturer in D.A.V. College, Muzaffarnagar 1950-67; *Mem*: Fellow of the Zoological Society (London), Linnaen Society (London), Academy of Zoology, Bombay National History Society, Indian Science Congress, National Academy of Science, Marine Biological Association (U.K.), Marine Biological Association (India), Zoological Society of India etc.; *Knows*: Hindi, English & French; *Visited*: Queen Mary College, London and Marine Station, Plymouth, U. K. for research; visited France, Germany, Belgium, Holland, Switzerland for sightseeing ; *Hobb*: Photography and general reading; *Add*: D.A.V. College, Muzaffarnagar.

AGRAWALA (Dr.) S.K.—Prof. & Head, Dept. of Law, Univ. of Poona, Poona since December 1965; *b* 18 January 1929 at Bilgram in Dist. Hardoi; *Edn*: M.A. (Economics) in 1949 from Univ. of Allahabad, D.S.S. in 1950, LL. B. in 1952, LL.M. in 1954 from Lucknow Univ., LL.M. in 1958 from Harvard Law School (USA), LL.D. in 1962 from Univ. of Lucknow; *Resch Exp* : produced thesis on 'International Law as interpreted and applied by Indian Courts & Legislature', guiding research students; *Pub* : 'International Law—Indian Courts & Legislature', number of research articles published in research journals of India and abroad; *Exp* : Lecturer in Law in Lucknow Univ. 1953-62, Reader in Law in A.MU. 1962-65; *Mem* : Indian Society of International Law, International Law Association; *Knows* : Hindi & English; *Visited* : Harvard Law School, USA, for higher studies ; *Hobb*: Cards; *Honours*: Youngest professor of Law in India, awarded Gold Medal in LL.M., took LL.D. under Dr. Radhabinod Pal of Tokyo Trials fame, belongs to a family of strong nationalistic background. *Add* : 22, Gokhale. Marg., Lucknow.

AGWANI (Dr.) Mohammed Shafi—Prof. & Head, Dept. of West Asian Studies, Indian School of International Studies, Barakhamba Road, New Delhi since 1964; b 2 March 1928 at Udaipur, Rajasthan; *Edn* : M.A. (Pol. Sc.) in 1952 from Univ. of Rajasthan, Jaipur, standing first in the Univ.; D. Phil. (International Relations) in 1954 from Univ. of Utrecht, Holland ; *Resch Exp*: since 1952 engaged in research in the field of modern West Asian history and politics; *Pub* : Books on 'The United States and the Arab world', 'The Lebanese Crisis—1958', 'Communism in the Arab East', 'The West Asian Crisis 1967' besides several papers published in Indian and foreign journals; *Exp*: Institute of Islamic Studies, Aligarh 1955-56; Indian School of Internaional Studies 1957-64; *Mem* : Indian Council of World Affairs; *Genl* : passionate reader of Indian and foreign literature; *Visited* : Holland & U.K., 1952-54 for Ph. D. work; visited most of the West Asian and north-African countries in 1958, 1960 and 1963 for field studies; *Hobb* : Travel, exploration and photography; *Add*: Dept. of West Asian Studies, I.S.I.S., Barakhamba Road, New Delhi.

AHLAWAT, M. R.—Principal, College of Agriculture, Kaul, Dist. Karnal since June 1967; *b* 14 June 1908 at Gangtan in Dist. Rohtak; *Edn* : M.A. (Economics) 1937 from Agra Univ.; M.Sc. (Agri) in 1942 from Punjab Univ.; *Resch Exp*: For 9 years in the Cereals Section of the Punjab Agricultural College and Research Institute, Lyallpur, now in W. Pakistan; *Pub*: about 20 papers mostly on the subject of Agriculture in Punjab published in journals of India; *Honours* : First Class First in M.A. and M.Sc. (Agri) examinations; won several debating prizes; *Exp* : A.S. College, Lakhaoti, Dist. Bulandshahr 1931-36; Asstt. Prof., and later Prof. in the Punjab Agricultural College, Lyallpur (at Ludhiana after 1947) for a period of 17 years at different times; G.V. College of Agriculture, Sangaria (Rajasthan) 1965-67; *Mem* : Board of Studies in Agriculture, Faculties of Agriculture and Dairying of Punjab Univ., 1954-64; Member, Faculty of Agriculture, Academic Council and Convenor of the Board of Studies in Agriculture, Univ. of Rajasthan 1965-67; Member of Board of Studies, Kurukshetra Univ.; *Knows* : Hindi, English, Urdu, Punjabi, French & Sanskrit ; *Hobb* : Gardening and floriculture; *Sports*: Stood first in Cross-country Race in 1930 at Lyallpur; *Add*: Vill. Gangtan, P.O. Dighal, Dist. Rohtak.

AHLUWALIA (Dr.) K. S.—Prof. of Pharmacology, Medical Clegole, Amritsar since 1966; *b* 12 October 1926 at G.B. Chak 76 in Dist. Lyallpur, West Pakistan; *Edn* : M.D. (Pharm) in 1959 from Medical College, Amritsar; *Pub*: Thesis on 'A Pharmacological Study of anti-coagulants (Tromexan and Heparin) on Smooth muscle', 'Influence of Heparin and Tromexan on Coronary flow Volume and on heart; *Exp*; Lecturer, Christian Medical College, Ludhiana 1952-55; Demonstrator, Medical College, Patiala 1957-58; Demonstrator 1958-60, Asstt. Prof. 1960-62, Medical College, Amritsar; Asstt. Prof. 1962-66, Prof., 1966, Medical College, Rohtak; *Mem* : Association of Physiologists and Pharmacologists of India ; *Knows* : English, Hindi, Panjabi & Urdu ; *Add* : Prof. of Pharmacology, Medical College, Amritsar.

AHLUWALIA (Dr.) Sudarshan Pal—Lecturer in Education, Kurukshetra Univ., Kurukshetra since November 1965; *b* 15 September 1933 at Rawalpindi; *Edn*: M.Ed. in 1959, winning Univ. Gold Medal for standing first, from the Univ. of Jabalpur; Ph.D. (Education) in 1966 from Jabalpur Univ.; Advanced Course in Research Methodology and Statistics in 1963 from N.I.E., Delhi, dissertation on 'Notions about Democracy—An Explanatory Study'; *Resch Exp*: 16 M.Ed. dissertations completed under his guidance; 6 M.Ed. dissertations and 3 Ph.D. scholars working under him at present; *Pub*: Over 10 research papers published in Indian journals besides dissertations produced during study; *Honours*: Winner of the 'Sri S. Natarajan's Shastiabdipurthi Endowment Prize', 1963, of the S.I.T.U. Council of Educational Research] Madras; *Exp:* Worked as Teacher in High/Higher Sec. Schools in M.P. for 5 years; Lecturer in Education in Junior Basic Training Colleges of M.P. for 3 years; Prof. of Education in the G.V.M. P.G. Basic Teachers Training College, Sardarshahr (Raj.) 1964-65; *Mem:* Indian Science Congress Association; Indian Association of Teachers Educators (New Delhi); Board of Studies in Education and Faculty of Education, Kurukshetra Univ.; *Knows:* English, Hindi & Urdu; *Hobb :* Reading and writing; *Add :* C/o. Dr. J. K. Ahluwalia, 45, Ramnagar, New Delhi-1.

AHMAD (Dr.) Allauddin—Scientist, Divn. of Pharmacology, Central Drug Research Institute, Lucknow since 1964; *b* 15 January 1936 at Vill. Rampur Bakhri in Dist. Muzaffarpur; *Edn:* M.S. (Pharm) in 1960 from Univ. of Missouri, USA; Ph.D. (Pharm) in 1966 from Patna Univ.; *Resch Exp:* 5 years, mainly in the field of pharmacology of nervous system and the development of new drugs; *Pub:* 17 research and general review articles published in various scientific journals of India and abroad; *Exp:* B.V. College, Patna 8 years; *Mem:* Indian Science Congress, Association of Physiologists and Pharmacologists of India, Indian Pharmacological Society; *Knows:* English, Urdu, Hindi and Persian: *Visited:* U.S.A., 1959-60; also visited England, France, Switzerland, Italy in 1960 for sightseeing; *Add:* Divn. of Pharm., Central Drug Research Institute, Lucknow.

AHMAD (Dr.) Fakhruddin—Head, Dept. of Geology, A.M.U., Aligarh since January 1964; *b* 4 January 1916 at Barabanki in U.P.; *Edn:* M.Sc. (Geography) in 1938, B.Sc. (Geology) in 1945, Ph.D. (Geography) in 1949 from A.M.U.; M.Sc. (Geology) in 1954 from Univ. of Tasmania, Hobart, Australia; *Resch Exp:* worked on 'coal deposits of Afghanistan' and 'the Singrauli basin of India' 'ground waters in U.P., Kerala and Gujarat' and mapped a part of the Vindhyan System in Mirzapur; *Pub:* Book on 'Palaeogeography of the Gondwana Period in Gondwanaland' etc. besides 40 papers published in scientific journals in India and abroad; *Exp:* Geological Survey of India 1941-64; *Mem:* Geological society of India, Indian Geoscience Association, member of the Executive Committee of the Geochemical Society of India; *Knows:* English and Urdu; *Visited:* Australia for study; *Hobb:* Photography; *Genl:* was invited to the Symposium on 'Continental Drift' held at Montevideo, Uruguay, in October 1967 as a recognised authority on 'Continental Drift'; *Add:* Dept. of Geology, A.M.U., Aligarh.

AHMAD (Dr.) Nazir—Head, Dept. of Persian, Muslim University, Aligarh since 1959; *b* 3 January 1915 at Kulhi Gharib in Dist. Gonda; *Edn:* M.A. Persian 1940, Ph.D. Persian 1945, D. Litt. Persian 1950, D. Litt. Urdu 1957 from Lucknow Univ.; P.G. Diploma in Persian 1956 from Tehran Univ.; *Resch: Exp:* published several research articles and books, has supervised the doctoral thesis of several research students in Persian and Urdu; *Pub:* 'Zuhuri-Life and Works', 'Tahqiqi Mutale', 'Kitab-i-Nauras', 'Tarikhi aur Adabi Mutale', 'Maktib-i-Sanai', 'Diwan-i-Siraji', 'Farhangnama-i-Qawwas', 'Dasturul Afazil', Sih Nasri-Malik', 'Muammiyat-i-Kahi' besides about 150 research papers on Persian language, history, literature, lexicography and linguistics etc.; *Honours:* Double Gold Medal in Ph.D., won prizes from U.P. Govt. on 'Tahqiqi Mutale' and 'Kitabi-Nauras' in 1954 and 1955; *Exp:* Lucknow Univ. 1950-57, from 1957 in A.M.U.; *Mem:* Board of Studies in Persian of the Allahabad, Banaras, Agra, Osmania, Nagpur and Agra Universities, All India Oriental Conference; *Knows:* Persian, Urdu; English, Arabic & Hindi; *Visited:* Tehran University, Iran for further studies; *Add:* Dept. of Persian, A.M.U., Aligarh.

AHMAD (Dr.) Shamsuddin—Head, Dept. of Persian, J & K Univ., Srinagar since 1968; *b* 18 June 1931 at Srinagar; *Edn:* M. A. Persian 1951, LL.B., 1951, M.U. Aligarh; D. Litt. from Univ. of Tehran, *Resch Exp:* Worked on the life, works and style of Mohammad Riza Mushtaq, a Persian poet of Kashmir; *Pub:* A Book 'Shams Faqir' besides several articles on Persian poets of Kashmir; *Honours:* Awarded Gold Medal for standing First in M.A. and the Medal was presented by late Dr. Rajendra Prasad, President of India; *Exp:* Govt. College, Jammu for 2 years; Govt. College, Sopore (J & K) 1 year; Govt. College, Anantanag 4 years; Govt. S.P. College, Srinagar five years; Govt. College, Poonch one year; Govt. College for Women, Srinagar, one year; Dept. of Persian, Univ. of J & K, 1962-67; *Mem:* Univ. Board of Studies, J & K Univ.; *Knows:* Urdu, Persian, English, Kashmiri and Punjabi; *Visited:* Iran, 1963-65; *Genl:* Translated 'Haji baba of Isfahan', a Persian classic into Kashmiri; edited text books for Intermediate and other classes; translating 'Payambar' of Zamul Abidin Rahnuma in Kashmiri; *Add:* Dept. of Persian, J & K Univ., Srinagar.

AHMAD (Dr.) Syed Akhtar—Head, Dept. of Urdu, Patna Univ., Patna since 1952; *b* 19 August 1910 at Kako, Dist. Gaya; *Edn:* M.A. & D. Litt. in Urdu, 1936 & 1957 respectively, Patna Univ., awarded Gold Medal for standing first in M.A.; *Resch Exp:* D. Litt. thesis—'Bihar men Urdu Zabano-Adab ka Irtaqa 1857 tak'; many research papers' guiding research work; *Pub:* Bihar Men Urdu Zabano-Adab ka Irtaqa', 'Qadro Nazar, Tahqeeqo Tanqeed Jadeed', 'Hasrate Jameer', 'Manzaro Pase Manzar', 'Kalyian aur Kante', 'Anjumane Arzoo' etc.; *Exp:* Urdu Department, Patna College 1938-52; *Mem:* Faculty of Arts, Delhi Univ.; member of the Board of Studies, Patna Univ. Gorakhpur and Banaras Univ., Advisory Cttee. All India Radio, on the Selection Board of Gorakhpur, Banaras and Patna Universities; *Genl:* speaker of all India fame on literary, educational and religious subjects; *Knows:* Urdu, Persian, English & Hindi; *Hobb:* Painting, gardening and fraternising; *Add:* Dept. of Urdu, Patna Univ., Patna.

AHMED, Mirza Saghir—Head, Dept. of Commerce, College of Arts and Science, Secunderabad since 1966; *b* 7 July 1927 at Hyderabad; *Edn:* M.A. (Economics) in

1949 from Osmania Univ.; *Pub:* 'Business Organisation', 'Small Scale Industry—its financial problems', *Honours:* awarded Meckenzie Gold Medal; *Exp:* teaching at Osmania Univ. for past 20 years; *Knows:* English and Urdu; *Hobb:* Gardening and doll-making ; *Add:* Dept. of Commerce, College of Art and Science, Secunderabad.

AHMED, Syed Wazihuddin—Principal, Industrial Training Institute, Bongaigaon, Assam since April 1968; *b* 1 April 1935 at Chakial Muslim Gaon in Dist. Sibsagar, Assam; *Pub:* a poetical book 'Mor Saki', besides articles and poems published in various magazines ; *Exp:* Teacher in Science and Mathematics at Mariani High School 1952-53; C.P.W D. 1956-64; Principal, I.T.I., Nowgong 1964-68; *Mem:* Associate Member of International Corporation of Engineers, U.S.A.; *Knows:* English, Assamese, Hindi, Bengali, Persian & Arabic; *Hobb:* Literature reading. pen-friendship, teaching; *Add:* Chakial Muslim Gaon, P.O. Pulikaitoni, via Titabar, Dist. Sibsagar.

AHUJA, B.K.—Prof. in Mech. Engg., I.I.T., New Delhi-29, since 1966 ; *b* 14 January 1935 at Fazilka in Dist. Ferozepur; *Edn:* M. Tech. (Machine Design) in 1958 from I.I.T., Kharagpur; Ph.D. (Industrial Engg) in 1961 from Univ. of Wisconsin, U.S.A.; *Resch. Exp:* supervising students' projects and research for past 2/3 years ; *Honours:* Silver Medal from Punjab Univ. 1957, merit scholarship 1955-58; *Exp:* I.I.T., New Delhi for 6½ years *Mem:* A.M.I.E. (India), member Operations Research Society of India, member Sigma XI (USA); *Knows:* English, Hindi, Urdu, Punjabi and French; *Visited:* Univ. of Wisconsin, USA, 1958-61 for Ph.D.; *Hobb:* Touring, sightseeing, desiging and handicrafts; *Add:* Dept. of Mech. Engg., I.I.T. New Delhi-29.

AHUJA (Dr.) R.L.—Principal, D.A.V. College of Education, Hoshiarpur since 1967 ; *b* 9 November 1904 at Tibbi Qaisrani in Dist. D.G. Khan, W. Pakistan ; *Edn :* M. A. (English) in 1931 from Govt. College, Lahore ; B.T. in 1929 from Central Training College, Lahore ; Ph. D. (Education) in 1950 from Khalsa College, Amritsar ; *Pub :* Books on 'Nehru—Philosophy of Life and Education', 'Aims and Bases of Education', 'Teaching of English as Foreign Language' , 'A Theory of Ancient Drama' besides papers on 'Antiquity of Taxila', 'Psychology of Basic Education , 'Philosophical and Sociological Bases of National Integration,' 'The Place of English in Primary Education' etc. ; *Honours :* First ever Ph.D. in Education in Punjab ; *Exp :* V.B College, D.I. Khan (W. Pakistan) ; Khalsa College, Amritsar ; Sohanlal Training College, Ambala City ; D. A. V. College, Hoshiarpur ; D.A.V. College, of Education, Hoshiarpur 1956-64 ; Kurukshetra Univ. , Punjabi Univ. ; *Mem :* Ex-Member of Education Faculty, Board of Teaching, Panjab Univ. ; Ex. Member of Advisory Board of Language, Punjab Govt. ; Ex-President of One World Fellowship, member Elders Club, Panjabi Sahit-Sabha etc. ; *Genl :* Writer of Punjabi with a dozen works in literary criticism, play writing ; *Knows :* English, Hindi, Sanskrit, Punjabi & Urdu ; *Hobb :* Gardening and journalism ; *Add :* D.A.V. College of Education, Hoshiarpur.

AHUJA (Dr) S.S.— Reader & Head in Oral Surgery, College of Dentistry, Indore since 1966 ; *b* 23 March 1924 at Rajanpur in Dist. D.G. Khan, W. Pakistan ; *Edn :* at United Dental Hospital & Sydney Univ., Institute of Dental Research, Sydney ; Dental College, Brisbane ; *Resch Exp :* in Chemical Composition of Saliva in Periodontal Disease, and 'Histological and Histochemical Age Changes in Oral Mucosa' ; *Pub :* Papers on 'Melano—Amelo—Blastoma in New Born', 'Third Molar Dentigerous Cyst', 'Irgapyrin in Dental Surgery', 'Chemical Composition of Saliva in Periodontal Disease' ; *Exp :* Punjab Govt. Dental College and Hospital, Amritsar for 1 year ; G.M. Hospital, Rewa for seven years ; Medical College, Jabalpur for 6 years ; *Mem :* Indian Dental Association and Vice President of Indore Branch, Member M.P. State Dental Council ; *Knows :* Hindi, Urdu & English ; *Visited :* United Dental Hospital in Univ. of Sydney and Institute of Dental Research in Australia for training in Oral Surgery ; visited Govt. Dental College in Singapore on observation tour : *Hobb :* Stamp collection : *Add :* Madhuban, New Colony, Gurgaon.

AIRAN, Judson William—Principal, Wilson College, Bombay-7 since 1956 ; *b* 18 July 1907 at Kedgaon in Dist. Poona ; *Edn :* M. Sc. (Chemistry) in 1942 from Rajaram College, Kolhapur , Ph. D. (Chemistry) in 1945 ; *Resch Exp :* Guide for M. Sc. & Ph. D. students ; *Pub :* about 75 papers ; *Exp :* Professor & Analyser to Govt., Rajaram College,

Kolhapur, Professor of Biochemistry, Wilson College, Bombay-7 ; *Visited :* U.S.A., U.K., Korea, Thailand, Japan and Ceylon on Educational Survey and to attend conferences ; *Knows :* Marathi & English ; *Add :* Wilson College, Bombay-7.

AIYAR (Dr.) K. Rangaswami—Prof. & Head, Dept. of Statistics, Annamalai Univ, Annamalainagar since 1954 ; *b* 12 June 1912 at Tanjore, Madras State ; *Edn :* B. Sc (Hons) Maths 1933. M. A. Maths. 1936. M. Sc. Maths. 1936, Ph. D. Maths. 1942 from Annamalai University ; *Resch Exp :* for 31 years ; *Pub :* 'Text Book on Intermediate Geometry in Tamil', 25 papers published so far ; *Honours :* recepient of Gold Medal for best thesis ; *Exp :* The Madura College, Madurai; I.I.T., Kharagpur ; *Mem :* Fellow of the Royal Statistical Society, London; Member of the Indian Mathematic Society ; *Knows :* English, Tamil & German ; *Sports :* won cups and medals in Univ. Tournaments ; *Add :* Dept. of Statistics, Annamalai Univ., Annamalainagar.

AIYAR (Dr.) N.E. Viswanatha- Head, Dept. of Hindi. Kerala Univ. since 1966; *b* 15 July 1920, at Palghat; *Edn*: M.A. Sanskrit 1951 Madras Univ, M.A. Hindi 1952 Banaras Univ, Ph.D. 1959 Saugor Univ.; *Resch Exp* : Guiding Research Students for past 4 years; *Pub* : 'Malyalam Hindi Vayavaharik Kosh'. 'Keral ke Pratham Hindi Geethkar'. 'Nibandhopahar', 'Vigyan Yogini' etc; *Honours*: Awards received from the U.P. and Central Govts.; *Exp*: Sree Narayan College, Quilon, Univ. College, Trivandrum ; Trivandrum. Univ. Dept. of Hindi, Trivandrum; *Mem* : Board of Studies in Hindi (PG), Faculty of Oriental Studies Kerala Univ.; *Knows* : Hindi, Malyalam, Tamil, Sanskrit, English; *Hobb* : Music, *Add*: Dept. of Hindi, Kerala Univ., Trivandrum.

AKHILVINAY, Akhilanand Saraswat—Lecturer, Grasim Vidyalaya & Evening College, Nagda since 2½ years ; *b* 15 October 1926 at Pilani ; *Edn :* M. A. (Hindi) in 1956 from Nagpur Univ. ; Sahityaratna (Hindi) in 1954 from Hindi Sahitya Sammelan, Allahabad ; B. Ed. in 1967 from Regional College of Education, Bhopal ; Training Certificate (Teaching) 1965 from International People's College, Elsinore (Denmark); Training Certificate (English) in 1965 from Bristol School of English, Bristol, U.K. ; *Resch Exp :* worked on the 'Bhils of Rajasthan' ; *Pub :* Books on 'Hindi ke Patra-patrikayin' (Hindi) with Foreword from late Dr. Rajendra Prasad: 'Hamari Adim Jatiyan' with Foreword by late Shri B.G. Kher, Chief Minister of Bombay ; 'Yug-Vibhuti—Swami Sivanand' (Biography) ; 'Raja Ram Mohan Roy' (Biography); *Exp :* Ashok Ashram Vidyalaya, Kalsi (Dehra Dun) for 2 years ; Birla High School, Pilani for one year ; Rishi Valley Public School, Madnapalle (A.P.) for 2 years ; Sarvodya Balnikunj, Lucknow for 4 years ; *Mem :* PEN ; Divine Life Society, Rishikesh ; Shanti—Sena ; Maitri Club, Agra ; *Genl :* Edited 'Vishnu Sahitya—Monthly, Hoshiarpur 1959-61 ; *Knows* : Hindi, English, Danish, Gujrari, Marathi & Punjabi ; *Visited :* International People s College, Denmark, 1964 on Danish Govt. Scholarship ; Hallingdal Folk High School, Norway, on Norwegian Govt. Scholarship , 1965 ; Bristol School of English, Bristol, England, 1965 ; *Hobb :* Stamp-collection ; *Add :* c/o Roopram Shastri Smarak Trust, Pilani.

'AKILON', P.V. Akilandam—Novelist, Producer Spoken Word, All India Radio, Madras since 1965 ; *b* 27 June 1922 at Pudukkottai in Madras State ; *Edn :* After Passing SSLC, joined Maharaja's College, Pudkottai and left in 1940 to participate in the freedom movement ; *Pub :* for the past three decades engaged in creative writing in Tamil like stories, novels , plays, essays etc ; more than 30 books published so far ; *Honours :* Awarded prize for the novel 'Pen' in 1946 by the Kalaimagal literary monthly ; Tamil Academy Award in 1953 for the novel 'Nenjin Alaigal' ; Sahitya Academy Award for the novel 'Vengay in Maidan' in 1963 ; *Mem :* Secy, Tamil Writers Association 1954 57 and its President 1967 ; Member, Advisory Board of Sahitya Akademy ; *Genl* : His books has been translated into other Indian languages besides for eign languages like English, German, Zech and Russian etc; *Visited :* Ceylon in 1962 to collect matter for his novel Vengayin Maindan' ; *Hobb :* Reading and travel ; *Add :* c/o A.I.R., Madras.

AKRUWALA, Chandulal Karsandas—Principal, B.C.J. College of Education, Cambay, Gujarat since 1968; *b* 6 March 1916 at Dhangadra in Dist. Surendranagar; *Edn:* M.A. (Sanskrit) in 1950 from Univ. of Bombay; M.Ed. in 1962 from Gujarat Univ.; *Resch Exp:* since 1963 guide for M.Ed. students; *Pub*: Books on 'School Administration'. 'Schools of Psychology', 'Teaching of Gujrati', 'Teaching Sanskrit', Teachers Handbook for Sanskrit', 'Teaching of Gujarati Spellings', 'Social Education', 'Basic Education', Current Trends and Problems in Indian Education', Gujarati Dictionary', 'Easy English Reader', 'Easy English Grammer Composition', besides several research papers and articles published in journals; *Honours*: awarded prizes for presenting paper in the Seminar Reading Programme organised by the NCERT; *Exp:* of over 30 years at New High School, Godhra ; Rosary High School, Baroda; B.M. High School, Jhalod; Chanasma High School, Chanasma; visiting Teacher at the Univ. School of Psychology, Education and Philosophy, Gujarat Univ , Ahmedabad; *Mem:* Indian Association of Teachers Educators, New Delhi; *Knows:* English, Sanskrit, Gujrati and Hindi; *Add:* 8, Krishna Park, Khampur, Ahmedabad.

ALAVI (Dr.) S.M. Ziauddin—Lecturer, Dept. of Education, AMU, Aligarh since 1954; *b* 20 February 1918 at Varanasi; *Edn:* M.A. (Geog) in 1945, Ph.D. (Geog) in 1949, M.Ed. in 1956 from A.M.U.; *Pub:* Book, on 'Introducing General Education', 'Arab Geography in IX and Xth Centuries', Geography in the Middle Ages in English and in Urdu —'Problems of Education', 'General Knowledge', 'Indian Heritage', 'The Story of Inventions'; besides 7 research papers published in journals; *Exp:* M.U. School, Aligarh; Islamia Inter College, Bareilly College, Bareilly' 1949-54; *Knows:* Arabic. Persian, Urdu, Hindi and English; *Add*: Batch House, Kelanagar, Aligarh.

AL-HINDI, Abdullatif Al-Siddiqi—Prof., Dept. of Arabic and Persian, Univ. of Allahabad, Allahabad since 1950; *b* 13 August 1926 at Allahabad; *Edn:* M.A. (Arabic) in 1949, Dip. L.S.G.A., in 1949 from Allahabad Univ.; Proficiency in Aeronautics in 1947 from Indian Air Training Corps; *Resch Exp:* At Univ. of Allahabad and Univ. of Cairo; *Pub:* several papers published or presented to Conferences, and delivered lectures under U.G.C. schemes; *Exp:* Univ. of Allahabad since 1950; *Mem:* President, Hilfularab; Secy., Anjuman-i-Arabi, U.P.; Member All India Oriental Conference; Founder Member, All India Islamic Studies Conference; Member, International Congress of Orientalists; *Genl:* Represented India on all the following—U.A.R.'s Delegation of Honour for Hajj in 1961, Afro-Asian Solidarity Conference in Palestine, 1961 ; Centenary Celebrations of Scientific Society of U.A.R ; Represented Univ. of Allahabad on Al-Masudi Millenary at Muslim Univ., Aligarh and 70th Anniversary of Dairatul Maarifil Usmania, Hyderabad; *Knows:* Hindi, Urdu, Arabic, Persian, German and English; *Visited* : Univ. of Cairo, U.A.R. 1960-62 for higher Studies; Univ. of Medina and Madrasa Saulia, Saudi Arabia, 1966 and Palestine, 1960-61 on educational and cultural tour; *Hobb:* Mountaineering, photography and popularising Arabic; *Add:* Dept. of Arabic and Persian, Allahabad Univ., Allahabad.

ALI (Dr.) B. Sheik—Prof. and Head, Dept. of History, Univ. of Mysore since November 1964; *b* 10 November 1925 at Belagodu; *Edn:* M.A. (History) in 1946 from Maharaja College, Mysore; Ph.D, (History) in 1955; Ph.D. (History) in 1960 from London Univ.; *Resch Exp:* for 19 years; *Pub:* Book on 'British Relations with Haidar Ali' and about 20 research papers published in various journals of India; *Honours:* elected President of Modern Indian History Section of the Indian History Congress held at Bhagalpur in Dec. 1968; *Exp:* for the past 23 years at Univ. of Mysore; *Mem:* Indian History Congress, Member Institute of Historical Studies (Calcutta); *Knows:* French, Persian, Kannada and Urdu; *Visited:* U.K. and France for research work ; *Add:* Dept. of History, Mansa Gotri, Mysore-6.

ALI (Dr.) Syed Ashfaq—Principal, Saifia Degree College, Bhopal since 1961; *b* 30 June 1917 at Bhopal; *Edn:* M.A. (Commerce), Cal. Univ., 1942; M.A. (Economics) 1951 Agra

Univ. M.A. (Sociology) 1961 Vikram Univ., Ph.D. (Economics) 1957 Agra Univ.; *Resch Exp:* working for D. Litt. on 'Population Problem and Policy in Madhya Pradesh', Vikram Univ.; *Pub:* 'Economic Essays for B.Com. and M.A. Economics', 'Bhopal—Past & Present', Co-author, 'Potentialities of Madhya Pradesh'; *Exp:* teaching degree classes for 19 years, teaching post-graduate classes for 10 years; *Mem:* Faculty, Academic Council and Senate of Vikram Univ.; Secretary, Lions Club, Bhopal; *Knows:* Urdu, Hindi and English; *Add:* Inside Itwara, Bhopal.

AMARJIT SINGH (Dr.)—Director, Central Electronics Engineeridg Research Institute, Pilani since May 1963; *b* 19 November 1924; *Edn:* M.Sc. (Physics) in 1945 from Punjab Univ., M.E. (Science) in 1947 and Ph.D. in 1949 on 'Electron Physics' from Harvard Univ. (USA); *Pub:* presented 14 papers at scientific conferences in India and abroad, published over a dozen research articles in foreign magazines, edited the proceedings of three sympozia on 'History of Science in South East Asia', 'Semiconductor and Microwave Techniques', 'Achievement of Self Sufficiency in Electronics'; *Honours*: Govt. of India Scholarship for advanced studies abroad 1945; Gordon McKay scholarship at Harvard Univ. 1948; *Exp:* Lecturer in Radiophysics in Delhi University 1949-53; Sr. Scientific Officer, NPL, 1956-57; Asstt. Director, CEERI, Pilani 1957-61; Dy. Director, CEERI, Pilani 1961-63; Bell Telephone Laboratories 1963; Univ. of Michigan (USA) 1963; *Mem:* Senior member. Institute of Electrical and Electronic Engineers (New York); member, Institution of Telecommunication Engineers (India); *Hobb:* Tennis, music; *Add:* 30, Paramjit Ganj, Kapurthala.

AMAR SINGH (Dr.)—Dept. of Botany, Univ. of Allahabad since 1946; *b* 3 July 1921 at Behra in Dist. Jaunpur; *Edn:* M.Sc. (Agrl. Botany) in 1942 with first class first from BHU; D. Phil (Botany) in 1951 from Allahabad Univ.; *Resch Exp:* of over 23 years in Plant Physiology and agricultural sciences; *Pub:* Books on 'Plant Physiology,' and 'Krishi Parichaya' Fasal Parichaya', 'Vaigyanik Anveshana aur Avishkar' besides 30 research papers; *Honours*: recipient of National Academy of Sciences Gold Medal for Research in 1961; *Exp:* Biochemist, Dept. of Agriculture, U.P. Govt. 1944-46; *Mem:* Founder member, Indian Society of Plant Physiologists; Fellow, National Academy of Sciences, India; *Knows:* Hindi, English and German; *Hobb:* Gardening, reading and writing of scientific books; *Add:* 14, Ashok Nagar, Allahabad.

AMBARDEKAR (Dr.) Dattartray Shankar—Lecturer in Physical Chemistry, Shivaji Univ., Kolhapur since October 1964; *b* 3 October 1929 at Malkapur in Dist. Kolhapur; *Edn*: M.Sc. (Physical Chem) in 1955 from Rajaram College, Kolhapur; Ph.D. (Solid State Chemistry) in 1963 from National Chemical Laboratory of India, Poona-8; *Resch Exp:* engaged in research for the past seven years, guide for Ph.D. scholars; *Pub:* about 10 papers in scientific journals of India and abroad; *Exp:* Demonstrator, Fergusson College, Poona-4, 1955-57; Mudhoji College, Phaltan, 1960-64; *Knows:* Marathi, Hindi & English; *Hobb:* Painting & Music; *Add:* C/o. S. S. Ambardekar, 245 C/28, Gandhi Nagar, Bandra (East), Bombay-51.

AMBASHT, Jamuna Prasad—Head, Dept. of Maths., S.P. Jain College, Sasaram in Dist. Shahabad since 1957; *b* 15 November 1935 at Gyanpur, Varanasi; *Edn:* M.Sc. (Maths) in 1955 from BHU; *Resch Exp:* over four years on 'Theory of Models in Foundations of Mathematics', 'Convolution Transforms and Special Functions in Analysis of Complex Variables'; *Pub:* Books on 'Calculus for Beginners', 'A Text Book on Vectors', 'Snatak Beejganit', 'My Pen Writes' the last a collection of original poems by him; *Honours:* awarded fellowship of the Royal Asiatic Society at London 1963; *Exp:* Sri Chitragupta College, Mainpuri 1955-56; Kayastha Pathshala College, Allahabad 1956-57; *Mem:* National Academy of Sciences (India), Fellow Royal Asiatic Society of

Great Britain & Ireland ; *Genl :* has a special literary bent of mind for composing verse ; *Knows :* English, German, French, Hindi, Sanskrit, Urdu and Persian ; *Hobb :* Gardening ; *Sports :* won college championship in Table Tennis (Singles) 1965-66 ; *Add :* P.O. Gyanpur, Dist. Varanasi., U.P.

AMBASHT, (Dr.) Nawal Kishore—Lecturer, Dept. of Adult Education, N.I.E., New Delhi-14 since May 1966 ; *b* 19 July 1941 at Gyanpur in Dist. Varanasi ; *Edn :* M.A. (Sociology) in 1962 from Patna Univ., Ph.D. (A Critical Study of Tribal Education) in 1965 from Ranchi Univ. ; *Resch Exp :* for about six years ; *Pub :* 'Economic Condition of Santal Coal Mines', 'Santal Coal Mines—A Few Case Studies', 'Tribal Youth Dormitories—An Analysis' ; *Exp :* Tribal Research Institute, Ranchi for 2 years ; Tribal Orientation & Study Centre, Ranchi as a Guest Lecturer ; *Mem :* Indian Science Congress ; *Genl :* interested in social research among the tribes of India ; *Knows :* English, Hindi and Ladari ; *Hobb :* Photography and Games ; *Add :* Dept. of Adult Education, National Institute of Education, Friends Colony, New Delhi-14.

AMETA, Hari Vallabh—Principal, Bhupal Nobles' College, Udaipur since 1958 ; *b* : 16 May 1916 at Udaipur ; *Edn :* M.A. (Sanskrit) in 1943 Agra Univ., M.A. (Hindi) 1949 from Rajasthan Univ ; *Pub :* 'Alankar aur Chhand in Hindi , edited two books in Hindi prose for P.U.C. & Hr. Secondary students ; *Exp :* B.N. High School, Udaipur; K.P.M. School Udaipur; B.N. Inter College, Udaipur; K.M. School, Dhuler ; *Mem :* Univ. of Udaipur, Vidya Pracharini Sabha, Udaipur ; *Visited*: Nepal on educational tour ; *Knows :* Hindi, Sanskrit & English ; *Hobb :* Study of Jyotish, book-reading ; *Add :* Humdon Ki Sehri, Near Badnor House, Udaipur.

AMIN (Dr.) Gunvantlal Chandulal—Prof. of Organic Chemistry, P.B. Science College, Kapadwaj in Dist. Kaira since 1964 ; *b* 31 October 1922 at Ahmedabad ; *Edn :* M.Sc. (Org. Chem) in 1947 and Ph.D. (Org. Chem) in 1949 from Gujrat Univ. ; *Resch Exp :* for over 25 years ; *Pub :* over 40 research papers published, dealing in 'Fries Rearrangement', 'Chalkones and related Compounds', 'Quinanzoline derivatives', 'Carbohydrates and Textiles' ; over 500 new compounds added in organic chemicals ; *Exp :* Prof. of Chemistry, Gujarat College, Ahmedabad for 10 years ; M.N College, Visnagar for 3½ years ; Institute of Science, Bombay for 2½ years ; *Mem :* Permanent Fellow of Gujrat Vidya Sabha, Ahmedabad ; Fellow, Indian Chemical Society since 1948 ; Member, Indian Science Congress since 1955 ; *Genl :* working as chemical consultant to private enterprises ; honorary Prof. of Chemistry and guide for Ph.D. in Gujrat Univ. ; *Knows :* English, Hindi, Gujrati, German & French ; *Add :* 1361, Sarangpur, Talia's Street, Ahmedabad-1.

AMIN, Shantilal Muljibhai—Principal, Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar since July 1962; *b* 16 June 1920 at Virsad in Dist. Kaira; *Exp*: Chief Engineer & Estate Manager of Charoter Gramoddhar Sahakari Mandal Ltd. & Charutar Vidya Mandal for ten years; Principal in Bhailabhai & Bhikhabhai Polytechnic for 5 years, guided C. G. S. M. Ltd. to establish prestressed concrete factories and worked as their consultant for ten years; *Mem:* Senate, Board of Studies in Civil Engg. & Structural Engg, Academic Council & Syndicate of the Sardar Patel University; Council of Charuter Vidya Mandal, Chairman Virsad Kalavani Mandal, Member Charoter Education Society, M. I. E. (India), A.M.A.S.C.E. (U.S.A.); member of the panel for Pre-Stressed Concrete of I.S.I ; *Knows:* Gujarati, Hindi, English; *Visited:* U.S.A., U.K., Germany, Denmark, Italy & France under T.C.M. to study housing and building materials; *Hobb*: Reading and farming ; *Add*: Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar.

AMOLE, Sarmukh Singh— Principal, Guru Arjan Dev College, Taran Taran; *b* 6 January 1908 at Lahore; *Edn*: M.A. (Panjabi) in 1952 from Lyallpur Khalsa College, Jullundur; *Pub:* Novels: 'Gulaba', 'Sewadra' 'Jiwan Gunjal'; Short Stories: 'Titar Khabbhian', 'Wele Kuvale', 'Amole Kahanian', Dramas: 'Same de tin Rang', 'Patil Pawan', 'Jassa Singh Ahulwalia',; Essays: 'Panjabi Lakh', 'Nawan Jiwan', 'Sikhi to Nawan Chanan', 'Amole Jiwan Part I', 'Amole Jiwan Part II'; Criticism and Editing: 'Panjabi Sahitya Vichar Part I & II', 'Sade Purane Kavi', 'Bhai Vir Singh (Jiwan to Rachna)', Prof. Puran Singh (Jeewan to Rachhna', 'Puratan Panjabi Kav de Vikas'; Research: 'Hir Waris', 'Hir Damodar', 'Sasi Hashim', 'Panjabi Bhours', 'Basic Panjabi', Children Literature: 'Jal Parian', 'Anmuli Dat', 'Ravindra Nath Thakur'; besides research articles appeared in 'Panjabi Duniya', 'Jan Sahit'; written talks, features and plays etc. for All India Radio, Lahore, Jullundur, Jammu & Kashmir etc ; *Honours:* his all three books in the children literature have been awarded by the Union Govt ; *Exp:* Lyallpur Khalsa College, Jullundur; *Mem:* member and Vice President for some years of Panjabi Sahit Academy, Ludhiana City; Kendri Panjabi Lekhak Sabha, Jullundur; *Genl:* four times winner of Union Govt. Awards on books; toured upto Malaysia for lectures on literature and religion; *Knows:* Panjabi, Hindi, Urdu and English; *Visited:* Sikh Temples and other educational institutions in Burma, Thailand, Malaysia & Singapore on lecture tour; *Hobb:* Writing, travelling, gardening and collection of books ; *Add:* Amole Kuti, 2, Uttam Garh, Amritsar.

AMUR (Dr.) G.S.—Lecturer, Dept. of English, Karnatak Univ. ; Dharwar since 1964 ; *b* 8 May 1925 at Bommanaballi in Dist. Dharwar; *Edn:* M.A. (English) in 1949 from Bombay Univ., Ph.D. (The Concept of Comedy) in 1961 from Karnatak Univ.; *Resch Exp:* guiding research scholars, as well as an external referee for Ph.D. theses; *Pub:* Books on 'The Concept of Comody', 'Critical Essays on Indian Writing in English', 'Mahakavi: Milton' (in Kannada); besides numerous papers like 'Laughter in Sanskrit poetics' 'D.H. Lawrence—The Playwright', 'Towards a definition of the Magic', 'The Kannada Phase of Raja Rao' and several literary articles in Kannada published; *Exp:* K.E.B.'s College, Dharwar 1949-50; Kanara College, 1950-58; J.T. College, Gadag 1958-64; *Knows:* Kannada, Hindi, English & Sanskrit; *Mem:* American Studies Research Centre, Hyderabad, *Hobb:* Gardening; *Add:* Dept. of English, Karnatak Univ., Dharwar.

ANAND (Dr.) Bal Krishan—Prof. of Physiology, A.I.I.M.S., New Delhi-16 since 1957 ; *b* : 19 September 1917 at Lahore ; *Edn :* M.D. (Medicine) in 1948 from Amritsar Medical College, Amritsar ; *Resch Exp :* in the field of Neurophysiology since 1950 with special interest in the nervous regulation of homeostatic conditions in the body ; *Pub :* about 150 research articles published in the reputed scientific journals of India and abroad ; *Honours :* awarded 'Shakuntla Devi Amir Chand Prize of Indian Council of Medical Research' in 1956 ; Watumull Memorial Award in 1961 ; Basanti Devi Amir Chand Prize in 1962 ; S.S. Bhatnagar Award in 1963 ; *Exp :* Demonstrator, Amritsar Medical College, Amritsar 1943-49 ; Prof. of Physiology, Lady Hardinge Medical College, New Delhi 1949-50 ; Rockfeller Foundation Fellow, Yale Univ, USA, 1950-52 ; Asstt. Prof. of Physiology, Amritsar Medical College, Amritsar 1952 ; Prof. of Physiology, Lady Hardinge Medical College, New Delhi 1952-57 ; *Mem :* Member since 1959 of the Council of the International Union of Physiological Sciences ; Member, Council of I.B.R.O. since 1960 ; Member Governing Council of I.C.M.R. ; Chairman of the Basic Medical Sciences, Advisory Committee of I.C.M.R. and Member of various other committees of I.C.M.R. ; Hony. Consultant to the Armed Forces Medical Services ; member, editorial board of many Indian and foreign journals ; Presided over the Physiology Section of the Indian Science Congress in 1966 ; *Knows :* English ; *Visited :* U.S.A., Argentina, Japan, U.K., U.S.S.R. and many other countries for higher studies and lecture tours ; *Misc:* Articles like Localisation of a Feeding Centre, Food Intake, affects of the Electrical stimulation of the Limbic System, Changes in Affective behaviour, Studies on the Limbic System of brain, Higher Nervous Control over Food Intake, Investigation of the stoppage of Heart Sounds and Pulse by yogis, production of sleep and wakefulness by electrical stimulations, Regulation of reproduction by central nervous system etc., *Add :* Dept of Physiology, A.I.I.M S., Ansari Nagar, New Delhi-16.

ANAND, Kumari Vidya—Principal, Hans Raj Mahila Maha Vidyalaya, Jullundur City since 1948; *b*: 26 Jan at 1914 Lahore, West Pakistan; *Edn*: M.A. Economics in 1940 from Govt. College, Lahore; *Honours*: stood first in the women dandidates in Matric and Inter examinations of Punjab University in 1934 and 1936 respectively: *Exp*: Islamia College for Women, Lahore 1940-42; Hans Raj Mahila Maha Vidyalaya. Lahore 1942-47; *Mem*: Academic Council, Senate, Art Faculty, Language Faculty, Education Faculty, Fine Arts Faculty of the Punjab University; President Punjab University Women Sports Committee; member Hariballabh Sangeet Samiti, Jullundur; Programe Advisory Committee, AIR, Jullundur; *Knows*: English, Hindi, Sanskrit, Punjabi & Urdu; *Hobb*: Painting, gardening, music; *Add*: Hans Raj Mahila Maha Vidyalaya, Jullundur City.

ANAND PRAKASH—Reader, Civil Edgg. Dept., Univ. of Roorkee, Roorkee since 1965; *b*: 3 July 1937 at Bahawiri in Dist. Muzaffarnagar; *Edn*: M.E. (Structurals) in 1964 in First Division from Univ. of Roorkee; *Pub*: 'Economic Design of R. C. Balanced Cantilever Bridges,' 'Free Period of Vibration of R. C. Water Towers', 'Maximum Dynamic Deflections of Multistorey Buildings'; *Exp*: P.W.D. in U.P., 1959-60; Design Officer in Univ. of Roorkee, 1960-64; lecturer in Civil Engineering University of Roorkee, 1964-65; *Mem*: Indian Society of Earthquake, Technology; Staff Association, Roorkee; *Visited*: International Institute of Seismology & Earthquake Engg. in Japan for higher studies; *Knows*: Hindi, English, Urdu; *Hobb*: Reading, playing cards; *Add*: C/o I. S. Sangal, Shiv Ganj Mandi, Shamli, U.P.

ANAND (Dr.) R. P.—Reader & Head, Dept. of International Law, Indian School of International Studies, Barakhamba Road, New Delhi since October 1965; *b*: 15 June 1933 at Sivia in Gujrat; *Edn*: LL.M. in 1957 from Univ. of Delhi, LL.M. in 1962 and J.S.D in 1964 from Yale Univ. Law School, USA; *Resch Exp*: Sr. Research Fellow, ISIS, New Delhi 1958-60; Rockefeller Foundation Fellow, Columbia Univ., USA, 1960-61; Sterling Fellow, Yale Law School, 1961-64; Research Associate, Duke Law School, USA, 1964-65; *Pub*: Books on 'Compulsory Jurisdiction of the International Court of Justice', 'International Courts and Contemporary Conflicts' besides a large number of articles published in journals of India and abroad; *Exp*: In the ISIS, New Delhi since 1965; *Mem*: American Society of International Law, Indian Society of International Law; *Knows*: English, Hindi & French; *Visited*: Columbia Univ., Yale Univ., Duke Law School in the U.S.A. from 1960-65 for higher studies; *Add*: C/o Indian School of International Studies, Barakhamba Road, New Delhi-1.

ANANTHARAMAN (Dr.) Tanjore Ramachandra—Prof. & Head of the Dept. of Metallurgy, B.H.U., Varanasi since 1962; *b*: 25 November 1927 at Tanjavur; *Edn*: B.Sc. (Hons) (Chemistry) 1947 from Madras University, D. I. I. Sc. (Metallurgy) 1950 with distinction from Indian Institute of Science, Bangalore; M.Sc. by Thesis (Chemistry) 1951 from Madras University; D. Phil (Metallurgy) 1954 as Rhodes Scholar from Oxford Univ. (U.K.); *Resch Exp*: for 17 years in various capacities; *Pub*: 63 papers published in specialized magazines in America, Europe and India; *Honours*: Awarded the 'Kamani Gold Medal' by the Indian Institute of Metals 1960, selected as the 'National Metallurgist' in the year 1964; only metallurgist to be elected as Fellow of Indian Academy of Sciences; *Exp*: Newcastle and Port Kembla Steel Works, Australia; Dept. of Metallurgy, Indian Institute of Science, Bangalore; Visiting Professor at Max-Planck Institute Fuer Metallforschung, Stuttgart, W. Germany; Research Metallurgist in Gebrueder Schoch Metallvere Dlungswer, Gmbh, Stuttgart, W. Germany; Visiting Prof. California Institute of Technology, Pasadena, U.S.A.; Visiting Associate, Univ. of California, La Jolla, U.S.A.; Visiting Scientist, Bell Telephone Laboratories, Murray Hill, U.S,A.; *Mem*: Fellow of the Indian Academy of Sciences, Associate of the Institution of Metallurgists, Member of Indian Institute of Metals, Institute of Metals (London), Iron and Steel Institutes (London), American Institute of Mining, Metallurgical and Petroleum Engineers, American Society for Metals, American Physical Society, American Institute of Foundrymen, Duetsche Gesallschaft Fuer Metallkunde (East Germany), Governing Council of the Indian Institute of Metals, Calcutta; Governing Council of National Metallurgical Laboratory, Jamshedpur, Standing Advisory Committee in (Metallurgy) of Indian Institute of Technology,

Kharagpur, Metals Committee of the C. S. I. R. New Delhi, Expert Committee on Coal Carbonisation of Central Electrochemical Research. Institute, Jealgora ; *Knows* : Tamil, Sanskrit, Hindi, English and German ; *Visited:* Australia, England, W. Germany, U.S.A., Continents for studies, research work or as visiting professor in their universities and metallurgical establishments ; *Hobb*: Sanskrit Literature, Comparative Religion, Sarvodya movement ; *Sports* : Captain of Chess and Table Tennis Teams, Trinity College, Oxford ; *Add*: Dept. of Metallurgy, BHU, Varanasi.

ANCHAL, Rameshwar Shukla—Principal, Mahakoshal Arts Mahavidyalaya, Jabalpur since November 1967 ; *b* I May 1915 at Kishanpur in Dist. Fatehpur ; *Edn* : M. A. (Hindi) in 1942 from Nagpur Univ.; *Resch Exp :* Guiding several Ph.D. scholars ; *Pub :* has published ten collections of poems, four novels, two collections of short stories, two collections of research papers and critical essays ; *Honours:* Awarded prizes from Hindi Samiti and U. P. Govt. on his books from time to time ; *Exp :* Head of the Hindi Dept., Jabalpur Univ., 1958-61 ; Head of Hindi Dept., Ravishankar Univ., Raipur 1964-67 ; Govt. College, Raigarh, Govt. College of Science, Raipur ; *Mem*: Academic Council, Faculty of Arts, Dept. of Studies in Hindi & Univ. Court of Jabalpur; was member, Board of Studies in Hindi and Faculty of Arts, Univ. of Saugar for 6 years ; was member of Academic Council, Univ. Court, Council of Teaching Dept , Council of Affiliated College of Saugar Univ. for 12 years ; was Dean, Faculty of Arts, member of Executive Council, Academic Council and Chairman Board of Studies in Hindi at Ravishankar Univ. ; Raipur ; *Knows :* Hindi and English ; *Hobb :* Reading and writing ; *Add :* Mahakoshal Arts Mahavidyalaya, Jabalpur.

ANJANEYULU (Dr.) Kasavajhula—Lecturer, Dept. of Maths., Marathawada Univ., Aurangabad since October 1966 ; *b*: 15 July 1933 at Pidatalagudipadu in Dist. Guntur ; *Edn :* M.Sc. (Maths) in 1957 from Univ. of Allahabad, Ph.D. (Maths) in 1964 from Birkbeck College, Univ. of London ; *Resch Exp :* For over 5 years including 2 years at Ramanujan Institute of Maths, Madras ; *Pub :* papers on 'Tauberian constants and quasi-Hausdorff series-to series transformations', 'Tauberian constants for Laurent series continuation matrix transforms'; 'Tauberian constants for F (c; u)-transforms' published in foreign journals ; *Exp :* joined Marathawada Univ. 2 years back ; *Mem :* London Mathematical Society, Indian Mathematical Society ; *Knows :* French & German ; *Visited :* U. K. ; *Add* : Dept of Maths, Marathawada Univ ; Aurangabad.

ANNAMALAI, Pennadam Manickam—Prof. of Zoology, Govt. Arts College, Coimbatore since July 1966 ; *b* 15 October 1928 at Manakikudyan in Dist. Tiruchirappali ; *Edn :* M. A. (Zoology) in 1956, M.Sc. (Endocrinology) in 1962 from Madras Univ.; *Pub :* written books in Tamil for the Graduate students, translated books from English to Tamil, besides four books published several research papers in Indian and foreign journals ; *Exp :* Govt. Arts College, Coimbatore 1950-53 ; Govt. Arts College, Kumbakonam 1956-57 ; Govt. Arts College, Madras 1955-56 ; Presidency College, Madras 1957-64 ; Madras Medical College, Madras 1964-66 ; *Mem:* Senate, Academic Council, Board of Studies in the Annamalai Univ., member of the Endocrinological Society (London), member of the Zoological Society of India (Calcutta), member of the Indian Society for the Study of Reproduction and Endocrinology (Bombay), former member of the Senate, Academic Council of Madras Univ.; *Knows :* Tamil and English ; *Hobb :* Research ; *Add :* 'Thangamanickam' B—5, V.D.C. Street, Kodambakkam, Madras—24.

ANSARI, Mohammad Yasin—Prof. and Head, Dept. of Civil Engg., M. U., Aligarh since 1961 ; *b* 25 April 1926 at Moradabad, U.P. ; *Edn :* B. Sc. (Civil Engg) in 1947 from A.M.U. ; M.A. Sc. (Hydraulics) in 1952 and M.A. Sc. (Public Health Engg) in 1953 from Univ. of Toronto, Canada ; *Pub* : 'Irrigation Engg. in Metric Unit,' 'Sewerage and Sewage Treatment in Metric System' besides over a dozen papers published in research journals of India ; *Exp :* Muslim Univ., Aligarh in the Dept. of Civil Engg ; *Mem :* American Society of Civil Engineers, A. M. I. E, (India); *Knows* : English, Hindi and Urdu ; *Visited :* Univ. of Toronto in Canada and Univ. of Illinois in U.S.A. for higher studies ; *Hobb*: Travelling ; *Add*: Dept. of Civil Engg ; M.U. Aligarh.

S.C.E.R.T., West Bengal
Date 13.12.69
Acc. No. 2122

S.C.E.R.T., West Bengal
Library

APPA RAO (Dr) Ponangi Sri Rama—Officer-on-Special Duty for Cultural Affairs, Govt. of A.P, Hyderabad since April 1966 ; *b* 21 July 1923 at Bandapuram in W. Godavary Dist. ; *Edn* : M.A. (Telugu Literature) in 1946 from Andhra Univ., Ph.D. (Telugu Drama) in 1961 from Osmania Univ. ; *Resch Exp* : Govt. of India research scholar in Humanities in the Osmania Univ. 1956-59 ; *Pub* : Books on 'Taj Mahal', 'Viswabharati', 'Venuve', 'Natya Sastramu' 'Telugu Drama', 'Bharata Naatya Sastra' and many published articles on literature and criticism; *Honours* : Recepient of 'National Award' of the Sahitya Akademi, New Delhi for 'Natya Sastramu' ; honoured by many Institutions and Associations of the A.P. State; *Exp:* Govt. Arts Colleges at Bhimavaram, Rajahmundry and Madras from 1946-52 ; Presidency College, Madras 1952-56 ; *Mem* : Hony. Secy. of A.P. Sangeet Nataka Akademi, Hyderabad 1964-65 ; Member of the Executive Board of A.P. Sangeet Natak Akademi since 1965; Member, Executive Board of A.P. Natya Sangham since 1958 ; Member of the General Council, A.P. Sahitya Akademi since 1964 ; *Genl* : A successful teacher turned into an administrator and served as Special Officer for Nationalisation of Text books in Govt. of A.P. for 6 years ; *Knows* : Telugu, English, Hindi and Sanskrit ; *Hobb* : Critical and creative writings and lecturing on Indian drama ; *Add* : c/o Shri P. Pattabhi Rama Rao, L. M. Bank Ltd. Kovuur, A.P.

APPADORAI (Dr.) A.—Hony. Visiting Prof. of International Relations, ISIS, Ferozeshah Road, New Delhi since 1967 ; *b* March 1968 at Angadipuram in Malabar ; *Edn*: M.A. (History) in 1925 and Ph. D. (History) in 1932 from Madras Univ. ; *Resch Exp* : 1955-64 in International Relations ; *Pub* : Books on 'Economic Conditions in South India' in 2 volumes, 'Dyarchy in Practice', 'Revision of Democracy', 'The Use of Force in International Relations', 'The Substance of Politics' now in 10th edition ; *Honours* : awarded 'Sankara Parvathi Prize' by the Madras Univ. for thesis on Six Centuries of life and work in the South Indian Village, (1932) ; *Exp:* Prof. of International Relations in ISIS, New Delhi 1955-64 ; *Mem:* Indian Council of World Affairs; *Genl* : Member, U.P.S.C. 1964-67, Advisor to the delegation to United Nations Assembly in 1948 ; Conference Officer, Bandung Conference 1955 ; *Visited* : U.K. and U.S.A. in 1948 ; *Add* : Dept. of International Relations, I.S.I.S., Ferozeshah Road, New Delhi.

APTE, Dattatraya Pandurang—Reader, Agri. Economics and Registrar, Gokhale Institute of Politics and Economics, Poona—4 since 1951 ; *b* 11 February 1927 at Poona ; *Edn*: M. Com. (Banking) in 1951 from Poona Univ. ; *Resch Exp* : about 20 years in Urban Economics and Agricultural Economics ; *Pub* : 'Poona A Re-Survey' (The Changing Pattern of Employment and Earnings) jointly with Prof. N.V. Sovani and R.G. Pendse ; besides several articles published in the Journal of the Indian Society of Agricultural Economics, Artha Vijnana etc. ; *Exp* ; Univ. of Poona for 2 years ; Gokhale Institute of Politics and Economics, Poona since 1949 ; *Mem* : Indian Society of Agricultural Economics ; *Knows* : English, Marathi & Hindi ; *Visited* : State College of Agriculture, Raleigh, USA. in 1960-61 for advanced training in Agri. Economics ; attended the International Conference of Agricultural Economists in Mexico in 1961 ; *Add* : 134/4/17, Apte's Bungalow, Near Ashok Nagar, Ganeshkhind, Poona-7.

ARAVAMUTHAN, V.—Head, Division of Electrothermics and Metallurgy of the Central Electrochemical Research Insititute Karaikaudi since 1952 ; *b* 24 January 1920 ; *Edn:* B. Sc. in 1939 from Madras Univ., A.I.I. Sc. in 1951 from All India Institute of Sciences, Bangalore ; *Pub* : more than 60 research papers and more than 90 individual review papers containing original ideas ; has 16 patents to his credit ; *Honours* : Jointly obtained the Best Invention Award for 1967 for 'A New Alkaline Manganese Dioxide Cell' ; jointly received Invention Promotion Board Award of Rs. 1,000/- in 1967 for the process for 'Production of Misch Metal' ; & Rs. 500/-for the invention of the Process for the production of Magnesium from Magnesite or Sea Water resources using Spray Drying Technique for the preparation of Cell feed ; *Exp:* Research Asstt., All India Institute of Science, Bangalore 1944 and later as permanent Research Asstt. till 1952 ; St. Joseph College, Tiruchirapalli 1939-44 ; *Mem* : elected as Associate of Institute of Fuel, London in 1941 ; elected as an Associate Member of Indian Institute of Metals in 1949, Active Member of Electrochemical Society, USA, 1949 ; Founder Member of the Society for the Advancement of Electrochemical Science and Technology,India, and its Vice

President 1966-68, Vice-Chairman of the Karaikudi Branch 1967-68; Chairman of the Programme Cttee of India Section of The Electrochemical Society for 1949-52; Member, Editorial Board of 'Mechanical Engineer', 1951 ; member of the Executive Committee of Engg. Society of the Indian Institute of Science, Bangalore, 1951 ; *Add:* Central Electrochemical Research Institute, Karaikudi.

ARGEKAR (Dr.) (Miss) Vimal Ranganath—Medical Officer Incharge, Imamwada Maternity Home, Sabusiddik Hospital, 27, Imamwada Road, Bombay since March 1967 ; *b* 5 January 1938 at Honnavar in North Kanara ; *Edn:* M.B.B.S. in 1962 from Grant Medical College, Bombay; D.G.O. 1964 in Obstetrics & Gynaecology from College of Physicians & Surgeons ; *Exp*: Cama & Albless Hospital, as Registrar 1965-67; *Knows:* Marathi, Hindi, English, Gujrathi, Kannada, & Konkani ; *Hobb* : Singing & cooking ; *Add* ; Imamwada Maternity Home, Sabusiddik Hospital, Bombay-9.

ARORA, Chaman Lal—Principal, D.A.V. College, Amritsar since April 1962 ; *b* 5 Oct 1921 at Gujranwala, West Pakistan ; *Edn :* M.Sc. Physics 1943, Govt. College, Lahore, with first class first; *Pub :* 'Refresher Course in B.Sc. Physics , 'Practical Physics for B.Sc. students', Practical Physics for Pre-Medical & Pre-Engg. students', Practicals for Pre-Univ & Higher Sec. Students', 'A Text Book of Physics for Pre-Univ. & Higher Sec. Students' ; *Exp. :* D.A.V. College, Lahore 1943-47 ; D.A.V. College, Jullundur 1948-62 ; *Mem :* Senate, Science Faculty, Board of Studies in Physics of Punjab Univ. ; *Knows :* English, Hindi, Urdu & Panjabi ; *Hobb :* Photography & writing ; *Sports :* Member Punjab Univ. Sports Committee ; *Add :* D.A.V. College, Amritsar.

ARORA, Madan Gopal—Lecturer, Dept of Civil Engg , Univ. of Roorkee since July, 1966 ; *b :* 15 November 1940 at Balaghat in M.P. ; *Edn :* M. E. (Highways) in 1965 from Roorkee Univ. ; *Pub* : a few papers ; *Exp* : joined Roorkee Univ. as lecturer ; *Mem* : Alumini Association ; *Knows :* Hindi, Punjabi & English ; *Hobb :* Reading ; *Add :* C/o Shri G.S. Arora, Retd. Suptdg. Engineer, 398, Napier Town, Jabalpur.

ARORA (Dr.) Rajendra Kumar—Reader, Dept. of Electronics and Communication Engg., Univ. of Roorkee, Roorkee since Oct. 1965 ; *b* 30 December 1936 at New Delhi ; *Edn :* Dip. of I.I.Sc. in 1959 from Indian Institute of Science, Bangalore; Ph.D. (Elect. Engg.) in 1965 from Univ. of St. Andrews, U.K. ; *Resch. Exp. :* five years research experience in electromagnetism, including application in Microwaves and Antenna ; Head of the research group on fields and microwaves, Univ. of Roorkee ; *Pub :* about ten research papers published in scientific journals ; *Honours :* Recepient of merit scholarship 1956-59 at the Indian Institute of Science ; recepient of Commonwealth Scholarship for research for Ph.D. in U.K. 1962-65 ; received Khosla Research Silver Medal, Univ. of Roorkee, 1967 ; *Exp :* in the Univ. of Roorkee since 1959 ; *Genl* : stood first in the All India Engg. Services Exam. (Electronics) held by the U.P.S C. in 1961 ; *Mem :* Institute of Electrical and Electronics Engineers, New York ; A.M.I.E., London ; *Knows :* English, Hindi and German ; *Visited :* Univ. of St. Andrews, U.K. for higher studies ; *Hobb :* reading of English literature ; *Sports :* Captain of the Cricket XI of the Indian Institute of Science 1958-59 ; *Add :* Dept. of Electronics & Comm. Engg., Univ. of Roorkee, Roorkee.

ARTHUR, Relton P.—Prof. of Internal Combustion (Heat Power) Engg., College of Engg., Guindy, Madras-25 since September 1959 ; *b* 25 August 1923 at Cuddalore in Dist. South Arcot ; *Edn :* M.S. (Mech. Engg. Heat Power) in 1949 from Univ. of T nnessee, U.S.A. ; *Resch Exp :* guiding Post-Graduate students in Heat Power engineering ; *Pub :* 'Psychrometric Chart in Metric Units', 'Steam Generators and Assessories' ; *Exp :* Baldwin Locomotives, U.S.A. ; De Laval Steam Turbine Co., U.S.A ; Trenton Power Station, ; Detroit ; Edison Co., U.S.A.; College of Engg., Anantapur ; Govt. College of Technology, Coimbatore ; *Mem :* A.M.I.E. (India) ; *Knows :* English & Tamil ; *Visited :* Univ. of Tennessee, U.S.A., for higher studies ; Imperial College, London, U.K. ; *Hobb :* Poultry and gardening ; *Add :* College of Engg., Guindy, Madras-25.

ARUMUGAM, Krishnaswamy—Principal, Nachimuthu Polytechnic, Pollachi, Madras State since January 1966 ; *b* 10 June 1926 ; at Pollachi, Dist. Coimbatore ; *Edn* : M. S. Structural ; Engg. 1961 from Univ. of California, Berkley, U.S.A. ; *Resch Exp* : worked as Navigation Research Engineer 1953-57 in the Central Water and Power Research Station, Poona ; *Pub* : 'Moment-Curvature-Relationship of Post-Tensioned Pre-stressed concrete Beams' ; *Exp* ; Madras State P.W.D. 2 years ; C.W. & P.R.S., Poona 4½ years ; *Mem* : Associate Member A.S.C.E ; *Knows* : Tamil & English ; *Visited* : U.S.A. for P.G. work in Civil Engg ; *Hobb* : Stamp Collection, gardening ; *Sport* : represented College in Basket Ball ; *Add* : Nachimuthu Polytechnic, Pollachi, Madras State.

ARUNACHALAM, K.—Principal, Sri Palanindavar Arts College, Palani, Dist. Madurai since June 1966 ; *b* 10 May 1927 at Vilandai, Dist. Tiruchirapalli ; *Edn* : M.A. Zoology 1950 from Annamalai Univ ; *Exp* : Govt. Arts College, Coimbatore; Govt. Arts College Mangalore; Presidency College Madras; Pachaiyappa's College, Madras; Sri Pushpam College, Poondi ; *Mem* : Examiner in B.Sc., Board of Madras & Annamalai universities ; *Knows* : English & Tamil ; *Hobb* : Stamp collection ; *Sports* : Good player in Football, tennis etc ; *Add* : Sri Palaniandavar Arts College, Palani.

ARYA, (Dr.) Anand Swarup—Asstt. Director-in-charge, School of Research & Training in Earthquake Engg, Univ. of Roorkee, Roorkee since 1967 ; *b* 16 June 1931 at Ambehta in Dist. Saharanpur ; *Edn* : M.E. (Structural Engg) in 1957 from Univ. of Roorkee; Ph. D. (Civil Engg) in 1961 from Univ. of Illinois, USA ; *Resch Exp* : of 12 years in methods of analysis of structures and earthquake resistant design of structures ; *Exp* : Books on 'Theory and Analysis of Structures', 'Structural Design in Steel, Masonry and Timber', 'Design of Steel Structures', besides 26 papers published so far ; *Honours* : recipient of Khosla Research Gold Medal twice ; *Exp* : designing buildings, bridges, water towers and aseismic structures as a Consultant, teaching at Roorkee Univ. for past 12 years ; *Mem* M.I.E. (India), A.M., A.S.C.E.; M A. C.I., M.I.S.E T.; Secretary, Indian Society of Earthquake Technology ; *Visited* Univ. of Illinois, USA, for study and research work ; *Knows* : Hindi, Urdu, English and German ; *Hobb* : Reading technical literature ; *Add* : 28 B, Civil Lines, Roorkee.

ARYA (Dr.) Harish Chandra—Reader in Botany, Univ. of Rajasthan, Jaipur since 1962 ; *b* 2 July 1925 at Bewar, Dist. Mainpuri ; *Edn* : M.Sc. (Botany) in 1948 from Agra Univ., Associate I.A.R.I. (Mycology and Plant Pathology) in 1950 from IARI, New Delhi; Ph.D. (Plant Pathology) in 1960 from Univ. of Rajasthan ; Post-doctoral Fellow in Plant Pathology, 1960-62 in Univ. of Wisconsin, USA ; *Resch Exp*: for 20 years ; *Pub*: over 50 research papers in scientific journals of India and abroad ; *Honours*. Fulbright Scholar to USA 1960-62, Senior Fulbright Scholar to USA 1967 ; *Exp* : Jaswant College, Jodhpur 1951-62 ; *Mem:* Fellow of the Indian Phytopathological Society, Indian Botanical Society ; *Knows* : English, Hindi & French ; *Visited* : Univ. of Wisconsin, USA, for higher studies ; *Hobb* : Photography ; *Sports* : Hockey ; *Add* : Dept. of Botany, Rajasthan Univ., Jaipur.

ARYA, Surendra Varma— Dean, Faculty of Agrl. Engg., J. L. Nehru Krishi Vishwa Vidyalaya, Jabalpur since June 1966 ; *b* 2 June 1927 at Barwan in Dist. Hardoi ; *Edn* : M. S. (Agrl. Engg) in 1956 from Univ. of Illinois, USA ; *Resch Exp* : designed a number of new agricultural implements ; *Pub* : over 15 research papers published and presented so far ; *Exp* : Allahabad Agricultural Institute, Allahabad 1946-48 ; College of Agriculture, BHU, Varanasi, 1948-52 ; Indian Institute of Techy., Kharagpur 1948-52 ; *Mem* : American Society of Agrl. Engineers, Chief Editor of Journal of the Indian Society of Agrl. Engineers and member of the Society ; *Visited* : Univ. of Illinois , USA ; *Hobb* : Numismatics ; *Add* : Vill. & P.O. Barwan, Dist. Hardoi, U.P.

ASANA (Dr.) R.D.—Head, Division of Plant Physiology, I. A. R. I., New Delhi-12 since November 1966 ; *b* 14 August 1908 at Hyderabad (Sind); *Edn* : M.Sc. (Plant Physiology) in 1931 from Royal Institute of Science, Bombay ; Ph.D. & D.I.C. (Plant Physiology) in 1935 from Imperial College of Science and Technology, London ; *Resch Exp* : in Plant Physiology ; *Pub* : over 50 scientific papers on plant physiology in various journals of repute in India and abroad ; *Exp* : Teaching M.Sc. and Ph.D. classes at I.A.R.I., New Delhi ; *Mem* : American Society of Plant Physiologists, Scandinavian Society for Plant Physiology ; Indian Botanical Society, Indian Society for Plant Physiology (Editor-in-Chief 1958-66, President 1967), Indian Society of Genetics and Plant Breeding ; *Hobb* : Gardening ; *Knows* : English, Gujrati, Hindi & Persian ; *Visited* : U.K. 1932-33 ; Holland 1935 ; Iran, 1958 ; France 1962 ; Australia 1962 for research work ; *Add* : Divn. of Plant Pathology, I. A. R. I., Hillside Road, New Delhi-12.

ASHK, Upendra Nath—Novelist and Writer; *b* 14 December 1910 at Jullundur ; *Edn :* B A.,LL.B. from Law College, Lahore ; *Pub :* Novels—'Girti Diwaren', 'Shehar Men Ghoomta Aina', 'Garam Raakh', 'Bari Bari Ankhen', 'Pathar-al-Pathar', 'Sitaron ke khel', Plays—'Anjo Didi', 'Alag Alag Raste', 'Qaid', 'Bhanwar', 'Chacheta Beta', 'Bare Khilari', 'Andhi Gali', 'Paintre', Swarag Ki Jhalak', 'Jai Pr; jai' ; besides collections like 'Devtaon ki Chhaya men', 'Charvahe', Pakka Ganna', 'Parda Uthao', 'Saheb ko Zukam Hai', the poetical collections like—'Deep Jalega', 'Sarkon Pe Dhale Saaye', 'Khoya Hua Prabha Mandal' ; besides other numerous books ; *Honours :* First in Hindi and 5th in India to get Sangeet Natak Academy's Award as best playwright 1965 ; obtained many prizes from central and state governments for his books ; *Mem :* Secretary, Hindi Samaj, Lahore in 1938 ; president of North Indian Theatrical Association 1954-56 ; *Pub :* Teacher, D.A.V. High School, Jullundur 1931 ; staff journalist, Bandematram, Vir Bharat and Bhisham 1931-33 ; editor of Preet Lari, Urdu & Hindi, 1939-41 ; Hindi Editor of Fauji Akhbar 1944, All India Radio Delhi 1940-43 as playwright and Hindi advisor ; Filmistan Film Company 1945-46 as story writer, actor and poet ; Publisher since 1949 ; *Knows :* English, Punjabi, Urdu & Hindi ; *Visited :* Russia in 1956 on birth-day celebrations of Kali Das ; *Add :* 5, Khusrobagh Road, Allahabad.

ASNANI (Dr.) V.L.—Maize Breeder & Incharge, Dept. of Plant Breeding, U.P. Agrl. Univ., Pantnagar since 1966 ; *b :* 18 March 1939 at Nawabshah, W. Pakistan ; *Edn :* M.Sc. in 1961 with Gold Medal and First position, Ph.D. in 1964 from I.A.R.I. (New Delhi) ; *Resch Exp :* For over 7 years ; *Pub :* Seven research papers ; *Exp :* Joined U.P. Agrl. Univ., 4 years back ; *Mem :* Fellow of Indian Society of Genetics & Plant Breeding ; Genl. Secy. Pantnagar Club ; *Knows :* English, Hindi & Sindhi ; *Visited :* Phillipines & Pakistan ; *Hobb :* Games ; *Add :* Dept of Plant Breeding, U.P. Agrl. Univ., Pantnagar.

ASTHANA, (Dr.) Bishan Narayan—Dept of Commerce, Univ. of Allahabad, Allahabad; *b :* 3 August 1924 at Agra; *Edn :* M. Com. in 1947 and D.Phil (Railway Finance in India) in 1953 from Allahabad Univ.; *Resch Exp:* for several years conducting and guiding research work; *Pub:* several books on Economic Statistics and Public Finance; *Exp :* Dept. of Commerce, Allahabad Univ.; *Mem:* Board of Studies, Faculty, Academic Council and Court of Allahabad Univ.; member All India Commerce Association; *Knows:* Hindi and English; *Visited:* U.S.A., U.K., France, German, Switzerland and Italy to study the teaching in their several universities; *Hobb:* Photography and fiction reading; *Add:* 3/1, Bank Road, Allahabad-2.

ASTHANA, H.S.—Head, Dept. of Psychology, Univ. of Saugar, Sagar since 1963; *b* 27 August 1922 at Hardoi in U.P.; *Edn:* M.A. (Phil) 1943, Ph.D. (Psy) 1950 from Lucknow Univ., Post-doctoral Fellow in Psychology 1950-51 in Chicago Univ., U.S.A.; *Resch Exp:* Hony. Research Associate, Harvard Univ., U.S.A., 1965-66; *Pub:* About 60 papers published in various magazines in India, Europe and U.S.A.; *Exp:* in teaching profession for 24 years; *Mem:* Associate Member of American Psychology Association. Indian Psychological Association, Indian Science Congress Association, Indian Psychiatrists Society, Indian Philosophy Congress; *Visited:* U.S.A., France, Italy, Switzerland, U.K., U.S.S.R., Japan, Thailand, Ceylone, Egypt, Lebanon, Kuwait and Hong Kong; *Knows:* Urdu, English and German; *Hobb:* Photography ; *Add* Dept. of Psychology, Univ. of Saugar, Sagar.

ASTHANA, Mahendra Nath—Officer-in-Charge, Logging Branch. Forest Research Institute, Dehra Dun since 1962; *b* 24 September 1923 at Ghazipur in U P.; *Edn:* M. Sc. (Physics) in 1947, LL.B. in 1946 from Allahabad Univ.; A.I.F.C. from Forest College, Dehra Dun; *Resch Exp:* for 5 years in logging; *Exp:* Forest Research Institute and Colleges; *Mem:* International Union of Forest Research Organisation, South East Asia Pacific Forestry Committee, F.A.O. of United Nations; *Visited:* Sweden, W. Germany and Austria for study tour; *Knows:* English and Hindi; *Hobb:* Reading serious literature; *Add:* Logging Branch, F.R.I., Dehra Dun.

ASWATHANARAYANA, (Dr.) Uppugunduri—Prof., Centre of Advanced Study in Geology, Univ. of Saugar, Sagar since 1967; *b* 1 July 1928 at Vallur in Andhra Pradesh; *Edn:* M. Sc. (Geol) in 1951, D.Sc. (Geol) from Andhra Univ. Colleges, Waltair; *Resch Exp:* Produced thesis on 'Radio-activity of some Indian rocks, sea floor sediments and minerals'—the first nuclear geology thesis in India; specialised in 'Radiometric dating of rocks and minerals' & Natural Radiation Environment', 'Radioactive and alkali constituentcee of possible upper Mantle materials', and 'Primary and secondary geochemical dispersion patterns ; *Pub:* about 50 papers (excluding a large number of abstracts, semi-technical reports & reviews) published in scientific journals of India and abroad; *Exp;* Lecturer, 1954-1959 and Reader, 1959-66 in Andhra Univ.; Visiting Prof., Univ. of Western Ontario, Canada 1966-67; *Mem:* Geological Society of America, Geophysical Union, Geochemical Society (USA); Fellow of the Geological Society of India, Indian Geophysical Union, Geochemical Society of India, Indian Geosciences Association; *Genl:* Formerly President of the India-Canada Association, London (Ontario); *Knows:* Telugu and English; *Visited:* U.S.A., 1957; U.K., 1963; Canada, 1966-67 for research; *Hobb:* Study of Telugu literature; *Add:* Centre of Advanced Study in Geology, Univ. of Saugar, Sagar.

ATHALEY, (Dr.) Wasudeo Moreshwar—Principal, Sir Hari Singh Gour Mahavidyalaya, Sagar, M.P. since 1964; *b* 25 September 1923 at Sagar; *Edn:* M.A. (Hindi) in 1949, M.A. (Sanskrit) in 1954 from Saugar Univ.; B.T. in 1957 from Jabalpur Univ.; Ph. D. (Linguistics) in 1964 from Univ. of Saugar; *Resch Exp:* worked for 18 months under the well-known linguist Dr. Dhirendra Varma, V.C., Jabalpur Univ ; *Pub:* Books—'Anant Path Par', 'Mangal Path' & 'Hindi tatha Marathi ki Rachna tatha gathan ka tulnatmak adhyan'; *Honours:* won prize in All India Hindi Story Competition conducted by late Shri Devdas Gandhi as part of the world story competition in 1954; *Exp:* for 20 years in different High Schools; Mahakoshal Mahila Mahavidyalya, Jabalpur; *Mem:* President, MP Madhyamik Shikshak Sangha; Founder and Vice President of Akhil Bhartiya Madhyamik Shikshak Sangha; Founder Principal and Secretary of Sir Harisingh Gour Mahavidyalaya, the first Night College in Sagar City; *Genl:* interested in public service; *Knows:* Hindi, Marathi, English and Sanskrit; *Hobb:* Music, drawing , literature reading; *Add:* Sir Harisingh Gour Mahavidyalaya, Sagar, Madhya Pradesh.

ATMA RAM, (Dr.)—Director General, Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1 since August 1966; *b* 12 October 1908 at Bijnor in U.P.; *Edn:* D.Sc. (Physical Chemistry) in 1936 from Univ. of Allahabad; *Pub:* about 50 papers relating to the Physical Chemistry, photo-chemistry, glass and ceramic; besides written a book on 'History of Chemistry, in Hindi; *Honours:* First scientist to have received Shanti Swarup Bhatnagar Medal (1959) of the National Institute of Science of India. He has been recently honoured by the Lenin Soviet Technological Institute of Leningrad with the award of the honorary Degree of Doctor of Technology in Chemical Sciences; The All India Glass Manufacturers' Federation awarded him a plaque of honour in 1964 for bringing science consciousness in the glass industry; *Exp:* became a member of the research team directed by the late Sir S.S. Bhatnagar in the Council of Scientific and Industrial Research in 1942; in 1948 he was assigned the

task of establishing an Institute for research on Glass and Ceramic. He established Glass and Ceramic Research Institute, Jadavpur, Calcutta ; became its Director in 1952 and continued in that capacity until August 1966, later appointed Director General of the CSIR; engaged in industrial research for nearly 3 decades; *Mem:* Hony. Fellow of the six Fellows elected from U K., USA and Sweden; elected member of the International Commission on Glass in 1948; General Secretary of the Indian Science Congress during 1962-66; Fellow of the National Institute of Sciences of India and of the Institute of Chemists, India; elected President of the Ceramic Society for 1952-53; Vice President of the National Institute of Sciences 1965-66; President of the Indian Science Congress 1967-68; *Knows*: English, Hindi and Bengali; *Visited:* several countries on several times for research purposes; *Add* : Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.

ATREYA, (Dr) Bhikhan Lal—Director, Child Guidance Clinic, Varanasi since 1961 ; *b* at Judah in Dist. Saharanpur ; *Edn ;* M.A. (Phil) in 1923, D.Litt. (Yogavasistha) in 1930 from BHU, Varanasi ; Practical Training in Experimental Psychology and Psychotherapy at Calcutta Univ. 1934 ; *Resch Exp* : for 27 years 1930-57, guided scholars on many topics of philosophy and psychology ; *Pub* : Books on 'Shankara's Doctrine of Maya' , 'The Elements of Indian Logic', 'The Philosophy of Yogavasistha', 'Yogavasistha and its Philosophy', ' Yogavasistha and Modern Thought' , 'Sri Vasistha-Darshanam (Sanskrit). 'Yogavasistha aur Uske Siddhanta (Hindi), 'The Spirit of Indian Culture'. 'The Foundations of Perpetual Peace', 'Practical Vedanta or the Philosophy of Swami Ram Tirtha', 'A History of Indian Ethics (Hindi)', edited 'Darshan International', 'Psychics International' , 'Gaveshna (Hindi) all quarterly journals ; *Honours* : Hony. Degree of D. Litt., The Title of Knight Commander of Night Templars (Italy) ; Padmabhushan, Govt. of India ; Darshanacharya, Darshana Tilaka and Sarva Dharshan Bhushan and Jnana Bhaskar from several academic and cultural organizations of India ; *Genl* : Presided over the Indian Philosophical Congress in 1958, is its life member ; presided over the Akhil Bhartiya Darshan Parishad and its Hony. Life Member; member Indian Science Congress ; Hony. Member of the International Institute of Philosophy ; Fellow of the International Society of Psychologists ; travelled as Birla Visiting Professor of Indian Philosophy and Culture to China, Japan. Europe, America, England, Indonesia and connected with almost all Indian universities in various capacities; *Visited* : China, U.S.A. , Japan, Europe, America, U.K. . East Asia on lecturing tour ; *Add :* Atreya Niwas, P.O. Hindu University, Varanasi-5 and in Summer : Atreya Niwas, P.O. Rajpur, Dehra Dun.

ATTAR, Abdulgani Dadamiya—Principal, R.B. Narayanrao Boravake College, Shrirampur, Dist. Ahmednagar since 1964 ; *b* 6 November 1917 at Kokarud, Dist. Sangli ; *Edn :* M.A English in 1946 from Bombay Univ. , M.A. Education in 1957 from Birmingham Univ. ; *Resch Exp :* in the comparative study of the treatment given to children under Children Acts of the Bombay State and that of England ; *Pub* : 'Juvenile Delinquency'; *Exp :* Secondary Schools conducted by the Rayat Shikshan Sanstha, Satara 1938-57, Univ. Colleges of the Rayat Shikshan Sanstha, Satara since 1957; *Mem:* Life member of Rayat Shikshan Sanstha, Satara ; member Academic Council, Poona Univ. , member Personal Library Grant Committee, member Board of Studies Poona Univ. , member The Rayat Sevak Credit Co-op. Bank Ltd., Satara ; *Genl* : doing social work ; *Knows* : English, Marahti, Hindi, Persian & Urdu ; *Visited* : Birmingham Univ., U.K. for M.A. in Education ; *Hobb :* Sightseeing ; *Sports :* Badminton ; *Add :* A & P Kokarud, Peta Shirala, Dist. Sangli (M.S.)

AUDHOLIA, Bhagwat Sharan—Founder Principal, D.N Jain Mahavidyalaya, Jabalpur since 1949 ; *b* 15 January 1906 at Samshabad, Dist. Farukkabad ; *Edn* : M.A. (Econ) 1930, M. Com. 1940 ; *Resch Exp* : Guiding numerous Ph.D. students, examiner of Ph. D. thesis for various Universities ; *Pub* : The Books on 'Shaswat Arthashastra Aur Mahatma Gandhi (Hindi) ' . 'Banking in India' , 'Education Through Mother Tongue' , Gandhian Economic Thought' besides several articles published in 'Arth Sandesh' , 'Journal of Commerce' ; *Exp*: Lecturer, Birla College of Commerce, Pilani, 1926-39 ; Prof. & Vice Principal of G.S. College of Commerce, Wardha 1940-48 ; Prof. & Vice Principal, G.S. College of Commerce, Jabalpur 1948-49 ; *Mem* : Dean, Faculty of Commerce, Jabalpur Univ. ; Member of the Executive, Indian Commerce Association ;

Member, Governing Body & Vice President, Bhartiya Lekha Pudhiti Sansthan ; *Hobb* propagating the Gandhian thought ; *Add* : D.N. Jain Mahavidyalaya, Jabalpur.

AULUCK, (Dr.) Faqir Chand—Head, Dept. of Physics and Astrophysics, Delhi Univ., Delhi since December 1967 ; *b* 12 May 1912 at Jullundur ; *Edn* : M.A. (Maths) in 1934, Ph. D. (Physics) in 1942, D.Sc. (Physics) in 1946 from Panjab Univ. ; *Resch Exp :* for 32 years ; *Pub :* about 80 research papers on Statistical Mechanics, Astrophysics, Electrodynamics, Magnetohydrodynamics and Superconductivity; *Honours :* scholarship holder throughout the college career ; *Exp :* Dayal Singh College, Lahore; total teaching experience of 32 years ; *Mem :* Indian Mathematical Society, Indian Physical Society, American Physical Society, London Physical Society ; Fellow, National Institute of Sciences, India ; President, Indian Physical Society ; *Knows* : Hindi, Urdu, English, French and German ; *Visited :* Cambridge Univ., U·K. ; Institute of Advanced Study, Princeton, USA, for research; visited USSR, Yugoslavia and Bulgaria under the exchange of visitors programme; *Hobb :* Reading ;*Add :* Dept. of Phsyics & Astrophysics, Delhi Univ., Delhi.

AVADHANI, (Dr) Tangirala Venkata—Prof. & Head, Dept. of Statistics, Andhra Univ., Waltair since August 1949 ; *b* 4 February 1925 at Masulipatam in Dist. Kistna ; *Edn :* M.A. (Statistics) in 1946, Ph.D. (Maths) in 1955 from Andhra Univ. ; *Resch Exp :* for about 17 years ; *Pub:* about 15 papers and reports published in Indian journals ; *Honours :* Dy. Director, Socio-Economic Survey of the Nagarjunasagar Project ; *Exp :* teaching in the Andhra University for past 19 years ; *Mem :* Fellow of the Royal Statistical Society, member of the Indian Statistics Institute, member of the Indian Society of Agricultural Statistics ; *Visited :* Univ. of Manchester, U.K. for postdoctoral research ; *Knows :* English & Telugu ; *Hobb :* Gardening ; *Add* : Dept. of Statistics, Andhra Univ., Waltair.

AVASTHI, (Dr) Amreshwar—Prof. & Head, Dept. of Pol. Science, Saugar Univ., Sagar since March 1966 ; *b* 3 May 1913 at Kotra, Dist. Sitapur; *Edn* : B.A. (Hons) Pol. Sc. 1934, M.A. Pol. Sc. 1935, Ph.D. Pol. Sc. 1954 from Lucknow Univ. ; M.A. History 1944 Nagpur Univ., M.R.A. Public Admn. from Harvard Univ., U.S.A. ; *Resch Exp* : several students have taken doctoral degrees ; has remained incharge of a number of Projects like Revenue Inspection at the District Level and the Fourth General Elections in Madhya Pradesh ; *Pub :* 'Local Government in Madhya Pradesh', 'Elphinstone Correspondence 1804-1908', 'Aspects of Administration', 'Revenue Inspections at the District Level', 'A Decade of O & M in India', 'Revenue Boards & Divisional Commissioners', 'The Changing Role of the District Officer' besides 30 papers published in journals in India and abroad ; *Honours :* Merit Scholarship Lucknow Univ. 1931-34, Research Fellowship Lucknow Univ. 1935-36, K.E.M. Society Prize 1953, Modified Overseas Scholarship 1955-56, Rockfeller Foundation Travel Grant 1956; *Exp :* I.T. College, Lucknow, 1936-37, Hislop College, Nagpur, 1937-45, Nagpur Mahavidyalaya, Nagpur 1945-49, Mahakoshal Mahavidyalaya, Jabalpur 1949-50, Nagpur Mahavidyalaya, Nagpur 1950-54, Mahakoshal Mahavidyalaya, Jabalpur 1954-55 and 1956-58, Indian Institute of Public Administration, New Delhi, 1958-66 ; *Mem :* Executive Council of the IIPA, New Delhi; Institute of Office Management-India, New Delhi, Indian Political Science Association, Indian Institute of Public Administration, Rotary Club, Sagar, member of various university bodies at Sagar, Jabalpur, Nagpur, Baroda, Jaipur, Allahabad & Ranchi etc; Proctor Saugar Univ.; *Knows :* English, French & Hindi ; *Visited :* U.S.A., Canada, Britain, Netherlands, Sweden, Belgium, W. Germany, France, Switzerland, Italy & Egypt on study tour for studying public administration at work ; Nepal, Kathmandu Univ. on examination work ; *Hobb :* Reading & Gardening ; *Add :* V. & P. O. Kotra, Dist. Sitapur, U.P.

AVASTHI (Smt) Krishna—Principal, Swami Vivekanand Mahavidyalaya, Teonthar, Dist. Rewa since November 1965 ; *b* 18 August 1938 at Meerut ; *Edn :* M.A. (Hindi) in 1957 from Univ. of Panjab ; *Resch Exp* : Working on the project 'Hindi Upnyason me Nari ki Samasyaen' ; *Pub :* Book on 'Uttar Bharat ki Lok Kathayen' to be published by the Min. of Education, Govt. of India ; *Exp :* joined Swami Vivekanand Mahavidyalaya in 1965 ; *Mem :* President, Sahitya Surich Club, Teonthar ; *Genl :* interested in journalism ; *Knows :* English, Hindi & Punjabi ; *Hobb :* Writing, gardening, cooking, sightseeing ; *Add :* Swami Vivekanand Mahavidyalaya, Teonthar, Rewa.

AWASTHI, (Dr) Bachchoo Lal—Asstt. Prof., Dept. of Hindi, Saugar Univ., Sagar since July 1967; *b* 8 August 1918 at Sipahiakondar in Dist. Bahraich; *Edn:* M.A. (Sanskrit) in 1954, M.A. (Hindi) in 1957, Ph. D. (Hindi) in 1963 from Agra Univ.; *Resch Exp:* Guiding several research scholars; editing Dictionary of Hindi Entomology; *Pub:* Books on 'Kavyatattva-Bodhini, 'Kavya Men Rahasyavada' besides several contributions to magazines; *Exp:* B.S. Sanskrit Mahavidyala, Kanpur, 1944-47; S.D. Sanskrit Vidyalaya, Lakhimpur-Kheri, 1947-49; P.K. Inter College, L. Kheri, 1949-58; Y.D. P-G. College, L. Kheri, 1958-67; *Mem:* Member, Sanskrit Parishad; Secretary Theosophical Society, L. Kheri; *Knows:* Hindi, Sanskrit, Urdu, Pali & Prakrit; *Add:* Dept. of Hindi, Saugar Univ., Sagar.

AWASTHI, Mahesh Datt—Head, Dept. of Psychology, Rajaram College, Kolhapur since 1966; *b* 16 November 1923 at Akaltara in Dist. Bilaspur; *Edn:* M.A. (Psychology) in 1950, B.T. in 1952 from Prantiya Shikshan Mahavidyalaya, Jabalpur; M.A. (Hindi) in 1954 from Nagpur Univ.; *Resch Exp:* has done work on projects like 'Standardisation of Intelligence Test in Hindi and Marathi (Now called the P.S.M. Intelligence Test)', preliminary work done on 'Teachers Selection Test'; working for his Ph.D. on 'Psychoanalytical study of the self-surrendering attitude of Bhakti poets in Hindi literature'; *Pub:* a booklet on 'Margdarshan ki avashyakta aur mahatva' besides a couple of papers published; *Exp:* Prantiya Shikshan Mahavidyalaya, Jabalpur, for four years; Nagpur Mahavidyalaya, Nagpur, as Head of the Dept., for 10½ years; *Mem:* Indian Science Congress Association; former member of the Board of Studies in Psychology in Nagpur Univ.; former member of the Indian Conference of Social Work, Jabalpur Branch; *Genl:* administered intelligence test to prospective village level workers under Community Development Scheme; *Knows:* Hindi, English, Sanskrit and Marathi; *Hobb:* Writing in Hindi and translation work; *Add:* Rajaram College, Kolhapur.

AWASTHY, Satya Narayan—Principal, Govt. Polytechnic, Khandwa since November 1966; *b* 11 November 1930 at Garola in Dist. Sagar; *Edn:* M.E. (Soils) 1956 from Govt. Engg. College, Jabalpur; *Resch Exp:* worked on 'The Practical Methods of Designing Homogeneous Earth Dam Slopes', 'Copra Soil Behaviour', 'Relation between Permeability of Soil and Consolidation' & 'Investigation of Sampna Dam Failure'; *Pub:* 'Irrigation Projects', Foundation of Buildings, besides several papers on Piping in Earth Dams and Filters etc.; *Exp:* P.W.D., Madhya Pradesh for 6 years; Principal of Dhamtary Polytechnic 1962-66; *Mem:* A.M.I.E., member of Soil Mechanics & Foundation Engineers Society of India; *Knows:* Hindi & English; *Hobb:* Story writing & games; *Sports:* represented School and College in Hocky & Volley Ball; *Add:* c/o Shri S.L. Awasthy, Parmanand Colony, Khurai, Dist. Sagar.

AYYAR, Krishna K.V.P.—Retired in 1952; *b* 9 November 1896 at Kudallur, Dist. Chittur; *Edn:* B.A. (Hons) in 1917, M.A. (English) in 1935 from Madras Univ.; *Resch Exp:* from 1918 till now; *Pub:* Books on 'The Zamorins of Calicut', 'A History of Kerala', 'A short History of Kerala' besides innumerable papers, Radio talks etc. on a variety of subjects on Kerala; *Exp:* Zamorin's College, Calicut 1918-52; *Mem:* Indian Science Congress Association, Kerala History Association; *Genl:* practiser of Raja Yoga, entering Trance at will etc; *Knows:* English and Malayalam; *Hobb:* Research; *Add:* 9/20, Malaviya St., Ramnagar, Coimbatore-9.

AZAMI, Inayetullah Manzar—Lecturer, Dept. of Urdu, J & K Univ., Jammu since September 1967; *b* 1 January 1934 at Faizabad, U.P.; *Edn:* M.A. (Urdu) in 1958 from M.U.; *Resch Exp:* Working on 'Allegory in Urdu'; *Pub:* several research articles in Urdu literature published in Tamir, Srinagar; Chatan, Lahore; Mayaar, Meerut; Adeeb, Aligarh; Sangam, Jammu; Kiran, Jammu; Jamma, Delhi; *Exp:* B. Hr. Secondary School, Tanda, 1950-53; Jamia Millia, New Delhi, 1956-58; S.P.M. Rajput College of Commerce, Jammu, 1959-65; Govt. College for Women, Jammu, 1965-67; *Mem:* President, Bazme Farogh-i-Urdu, Jammu for 2 years; President, Anjumane-Urdu; *Genl:* interested in Urdu poetry; *Knows:* Urdu, Hindi, English, Persian & Arabic; *Add:* V. Qattal Pur, P.O Atraulia, Dist, Azamgarh, U.P.

b

'BACHAN', (Dr) Harbans Rai—Member, Rajya Sabha since 1966 ; *b* 27 November 1907 at Allahabad ; *Edn :* M.A. (English) in 1938 from Univ. of Allahabad, Ph.D. (W.B. Yeats and occultism) in 1954 from Univ. of Cambridge, U.K.; *Resch Exp :* For two years at Cambridge Univ. ; *Pub* : 'Madhushala' , 'Bengal Ka Kal' , 'Khadi Ka Phool' , 'Naye Purane Jharoke' , etc. , 'W.B. Yeats and Occultism' besides over 40 books in Hindi, on Poetry, Essays and criticism ; *Exp :* lecturer in English, Univ. of Allahabad, 1941-52 and Research scholar, U.K. , 1952-54 ; *Mem* : Hindi Advisory Board, Sahitya Akademy, New Delhi ; *Knows* : Hindi, English Urdu & Sanskrit ; *Visited :* U.K. ; *Hobb :* Stone collecting ; *Add* : 13, Willingdon Crescent, New Delhi.

BACHHAWAT, (Dr) Bimal Kumar—Prof. of Biochemistry, Christian Medical College & Hospital, Vellore since 1963 ; *b* 16 August 1925 at Calcutta ; *Edn :* M.Sc. (Bio-Chem) in 1948 from Calcutta Univ. , Ph. D. (Bio-chem) in 1953 from Univ. of Illinois (U.S.A.) ; *Resch Exp :* For the past 20 years actively interested in research work ; *Pub :* About 100 papers published in journals of India and abroad : *Honours :* Recepient in 1962 of Shanti Swarup Bhatnagar Memorial Award for outstanding work in Biochemistry ; *Exp :* Research Associate, School of Medicine, Univ. of Pennsylvania, U.S.A., 1953-55 ; Research Associate & Asstt. Prof. , Dept. of Bio-Chemistry, Univ. of Michigan Medical School, 1955-57 ; Assoct. Prof. of Biochemistry, Christian Medical College Hospital, Vellore, 1957-62 ; *Mem :* Indian Science Congress, Biochemical Society (U.K.) , American Chemical Society, Sigma Xi (U.S.A.) , Society of Biological Chemists of India ; *Knows :* Hindi, Bengali, English, French & German ; *Visited :* U.S.A. , 1950, 1951-52 , for training and teaching : U.K. 1965, U.S.A 1966, France 1967 ; *Hobb :* Gardening ; *Add :* Christian Medical College, Vellore.

BADAMI, (Dr) Harkant Dhirajlal—Lecturer of Psychology, Gujrat Univ., Ahmedabad-9 since 1964 ; *b* 26 October 1929 at Baroda ; *Edn :* M.A. in 1955, LL.B. in 1951 from Gujrat Univ., Ph. D. in 1961 from Baroda Univ. ; M.Ed. in 1963 from Univ. of Houstan ; several additional advanced courses ; *Resch Exp :* Ph. D. thesis on 'A Psychological study of factors of juvenile delinquency' ; guiding research students ; *Pub :* Books on 'Student Problems Inventory' , 'Manual of the Students Problems inventory' and a few others on educational subjects ; *Exp :* Asstt. Teacher at Union High School, Surat 1953-54 ; Lecturer of Psychology at Z. F. Wadia Women's College, Surat 1955-56 ; Lecturer, M.T.B. College, Surat 1956-57 ; Research Asstt., M.S. Univ. of Baroda 1957-58 ; Head of the Dept., Arts College, Dabhoi 1958-61 ; Head of Dept., Shri Rajani Parekh Arts College, Cambay 1963-64 ; *Mem :* Indian Psychological Association, Madras Psychological Society, Gujrat Psychological Association and other learned societies ; *Knows :* Gujrati, English & Hindi ; *Add :* Dept. of Psychology, Gujrat Univ., Ahmedabad-9.

BADHEKA, Ghanashyambhai Umiashanker—Teacher, A.G. Teachers College, Navarangpura, Ahmedabad-9 since 1967 ; *b* 8 September 1928 at Fariadaka in Dist. Bhavnagar; *Edn :* M.Ed. in 1963 from Gujrat Univ. ; *Exp* : For 15 years in several High Schools in Gujrat ; *Mem :* A.A.T.E. , I.A.T.E. ; *Knows* : English, Gujrati, & Hindi ; *Hobb* : Indoor & outdoor games, cultural activities ; *Add :* Near Tower, Valabhipur, Via Dhola Junction, Saurashtra.

BADJATIA, Ramesh Chandra—Lecturer, Dept. of Civil Engg. , Univ. of Roorkee, since August 1966 ; *b* 22 June 1941 at Indore, M.P. ; *Edn* : M.E. (Civil) in 1966, First Class first with Gold Medal from Roorkee Univ. ; *Resch Exp* : Working on the Independent Model Aerial Triangulation on Wild A-8 Autograph' ; *Exp :* Junior Engineer, PWD M.P. (B&R) 1964-66 ; *Knows* : English & Hindi ; *Add* : 192, Jawahar Marg, Indore-2.

BADOLA, Raghubir Prasad—Prof. & Head, Dept. of Anaesthesiology, K.G.'s Medical College, Lucknow-3 since January 1961; *b* 7 October 1929 at Damrara in Dist. Garhwal; *Edn :* M.B.B.S. in 1952 from K.G-'s Medical College, Lucknow ; D.A., in 1955 from Royal College of Surgeons & Physicians, London ; F.F.A.R.C.S. in 1960 from Royal College of Surgeons, U.K ; *Resch Exp :* Since 1961 guiding research in M.D. ; *Pub :* About 12 articles published in the Indian and British journals of anaesthesia ; *Exp :* Victoria Hospital, Blackpool; South Manchester group of Hospital ; Royal Infirmary, Manchester; David Lewis Northern Hospital, Liverpool ; Bethnal Green Hospital, London ; Victoria Central Hospital, Wallaecy Chesire ; Luton & Dunstable Hospital, Luton Beds, all in U.K. ; *Mem :* Indian Society of Anaesthetists; Fellow of the Faculty of Anaesthetists, Royal College of Surgeons of England ; Associate Editor of Indian Journal of Anaesthesia ; Member, Academic Council of Anaesthesia, Univ. of Lucknow ; *Knows :* Hindi & English ; *Visited :* U.K. for higher studies and service ; *Hobb :* Painting and clay modelling ; *Add :* Badola Bhawan, Devi Marg, Kotdwara, Garhwal.

BADWE, (Dr.) Raghunath Chintaman—Principal, Dr. A.V. Baliga College of Arts & Science, Kumta, Mysore State, since November 1965 ; *b :* 10 October 1913 at Nasik ; *Edn :* M.A.(Phil) in 1938, LL.B. in 1941 from Univ. of Bombay ; Ph.D. (Psychology) in 1960 from Gujrat Univ. ; *Pub :* Several articles dealing with the impact of philosophy on man, like 'The Need of an International University', 'Vedant Darshan & the Future of Man', 'Significance of Gandhiji's Philosophy in the Age of Science', 'Social evil impact of the Eclipse of Jyana by Bhakti', 'Stagnation in Higher Education' ; *Exp :* R.P.D. College, Sawantwadi ; J.J. College, Nadiad ; *Mem :* President, Rotary Club, Kumta, 1967-68 ; *Genl :* Started his life on a monthly earning of Rs. 5/- and made his way through all difficulties ; *Knows :* Marathi, Gujrati, Hindi & English ; *Add:* 680, New Sadashiv, Poona-2.

BAGADIA, (Dr.) Vrajlal Narshidas—Psychiatrist, K.E.M. Hospital, Bombay since 1960; *b* 5 December 1922 at Botad in Gujrat; *Edn* M.D. in 1940 from Seth G.S. Medical College, Bombay-12; D.P.M. in 1954 from Conjoined Examining Board, U.K.; *Resch Exp:* For about 15 years; *Pub*: About 30 articles published in various medical journals; *Exp:* Seth G.S. Medical College, Bombay-12 since 1955; Hony. Prof., Institute of Social Sciences, Bombay-1 since 1967; *Mem:* Indian Psychiatric Society, Executive Cttee of Indian Psychiatric Society, Adviser to Indian Journal of Psychiatry, Neurological Association of India, Bombay Psychiatric Society; *Knows:* English, Gujarati, Marathi and Hindi; *Visited* U.K., 1952-54, for D.P.M.; *Add:* K.E.M. Hospital, Bombay.

BAGALKOTI, (Dr.)D.R.—Prof. & Head, Physics Dept., Karnatak Regional Engg. College, Surathkal, S. Kanara, since 1960; *b* 3 January 1924 at Gokak in Dist. Belgaum; *Edn:* M.Sc. (Physics) in 1951, with 1st class 1st from Lingaraj College, Belgaum; Ph.D. (Gaseous Electronics & Spectroscopy) in 1959 from Karnatak Univ.; P.G. Studies in Microwave and Semiconductors, in 1957, from N.P.L., New Delhi; Post-Doctoral studies in Nuclear Physics, in 1960, from Tata Institute, Bombay and Atomic Energy Estt., Trombay; *Resch Exp:* For over 15 years in Radio Navigation and Solid State Technology; *Pub:* Seven articles published; books on 'Modern Physics for B.E. and B.Sc.', 'Physics Practical Work for B.E.', 'Engineering Physics for M. Tech.', etc.; *Exp:* Senior Reader, 1947-51, Prof. 1951-56, Lingaraj College, Belgaum; Govt. of India Research Scholar 1960; *Mem:* Indian Academy of Science, Allahbad; Fellow of the Indian Physical Society, Calcutta; Chairman, K.R.E. College Staff Club and others; *Genl:* Interested in Social work, community projects, Ayurvedic system of medicine and gave several radio talks, delivered extension lectures and educational lectures ; *Knows:* English, French, Kannada, Marathi, Hindi and Sanskrit; *Hobb:* Gardening, caram; *Add:* Physics Dept.,K.R. Engg. College, Surathkal, S. Kanara.

BAGALKOTI, (Dr.) Vishvanath Veerabhadrappa—Principal and Prof. of Physics,, J.S.S. Arts and Science College, Gokak since June 1965; *b* 22 July 1927 at Sankeshwar in Dist. Belguam; *Edn:* M.Sc. (Physics) in 1952 from Lingaraj College, Belguam; Ph.D. (Rotational temperature tube under external Heating); *Resch Exp:* In the field of

'thermal equilibrium in low pressure discharge tubes'; *Pub:* Text books on 'Practical Physics' for PUC and B.Sc. students, 'General Science' and 'Optional Physics'; thesis on studies in 'Sprectroscopy Rotational temperatures in discharge under external Heating GoCH radicals' published; *Exp:* Basaveshwar College, Bagalkot, 1948-57; J.T. College, Gadag, 1960-65; *Mem:* Senate, Academic Council, Board of Studies in Physics of Karnatak Univ.; *Knows:* English, Kannada, Marathi and Hindi; *Hobb:* Writing, research and gardening; *Add*: P.O. Yamakanmardi, Dist. Belgaum.

BAGCHI, (Dr.) Kumar Nath;—Retd. Prof of Chemistry; *b* 27 December 1888 at Chuadanga in Dist. Nadia; *Edn*: D.T.M. in 1924 from School of Tropical Medicine, Calcutta; D.T.M. & H. in 1930 from School of Tropical Medicine, Liverpool; F.R.I.C (Branch E) in 1931 from Chelsea Polytechnic, London; Certificate of Toxicology in 1931 from Pharmalogische Institute, Berlin; *Resch Exp*: Conducted extensive researches in chemistry of food, drugs, poisons etc. for over 30 years; *Pub*: Two books 'Text Books of Organic Chemistry' (now in 7th edition) & 'Lectures on Physical Chemistry (now in 3rd edition) besides over 55 research papers published in various scientific journals; *Honours*: Coates Memorial Medal for medical research in 1943; as K.N. Lal lecturer in Cal. Univ., delivered lecturers on Poisons and Poisoning, their history, Romance and detection in crimes; *Exp*: Chemical Anaylist, Govt. of Bihar and Orissa, 1916-35; Prof. of Chemistry, P.M. Medical College, Patna, 1916-35; Chemical Examiner to Govt. of Bengal, Chief Biochemist in Medical College and Hospitals and Prof. of Chemistry in Calcutta Medical College, 1935-46; Prof. of Chemistry, Calcutta National Medical College, 1948-67; *Mem*: Chairman, Alcoholic Beverages Cttee of the Technical Panel of Dept. of Food, Govt. of India; President All India Pharmaceutical Conference, Baroda, 1942; President, Medical and Vety. Section of the Indian Science Congress, Bangalore, 1946; President, Institution of Chemists (India) 1939-40; President, Indian Pharmaceutical Association, Bengal Br. 1949-51; Addl. Vice President, National Institute of Sciences of India, 1951-52 and member of the Council for several years; member, Chemical Division Council, ISI, New Delhi, 1960-65; Member Senate and Board of Studies, Cal. Univ. since 1957; Member, Governing Body of Bengal Vety. College since 1959; member, R.G. Kar Medical College Cttee since 1957; member, Governing Body of State Medical Faculty since 1959; Former President and now Vice-President of Indian Academy of Forensic Sciences; President of Asiatic Society, 1964-66; besides other numerous societies; *Knows*: Bengali, Urdu, English and German; *Visited*: U.K. and Germany; *Hobb:* Gardening; *Add*: Gulistan, 5, Ballygunge Place, Calcutta-19.

BAGCHI, Subhrendu—Dy. Director, C.F.R.I., Dhanbad since 1963; *b* 1 August 1923 at Naogaon; *Edn:* P.G. Certificate in Mining Engg. in 1953 from Mining Dept., Sheffield Univ., U.K.; *Resch Exp:* On various subjects like strata control, spontaneous combustion in mines, photoelastic study of rock mechanics, mine lighting etc.; *Pub:* Over 70 papers published in Indian and foreign journals; *Exp*: In the various large coal mines in the W. Bengal, Bihar and M.P. coalfields; in the metal mines including Mosaboni Copper Mines and the Kolar Gold Field; *Mem:* Council Member of the Mining, Metallurgical and Geological Institute of India; Member and Chartered Engineer of the Institute of mining Engineers, U.K.; Member of the Institute of Fuel, U.K.; *Knows:* English, Bengali and Hindi; *Visited*: Various Mining Research Establishments in U.K., Holland, Germany, Poland, France and Belgium; *Hobb:* Music; *Add:* C.F.R.I., Dhanbad.

BAGCHI, (Dr.) Tara Charan—Prof. and Head, Dept. of Geology and Geophysics, I.I.T., Kharagpur since 1951; *b* 3 June 1920 at Purbadhala, E. Bengal; *Edn*: M.Sc. (Geology) in 1943 from BHU; D.I.C. in 1946 and Ph.D. (Geology) in 1947 from Imperial College of Science and Technology, London; *Resch Exp*: For over 20 years conducting and guiding research; *Pub*: About 30 papers published in scientific journals in India and abroad; *Honours*: La Touche Gold Medalist, awarded Holkar Research Fellow for Overseas Study; *Exp*: Science College, BHU, Varanasi, 4 years; Geologist, Geological Survey of India, Calcutta-13, 3 years; *Mem*: M.M.G.I. and F.G.M.S.; *Knows*: Bengali, English and Hindi; *Visited*: Imperial College of Science and Technology, London, 1945, for study and research; Institutions under Academy of Sciences, USSR, 1959, by invitation; Institute of Applied Geology, Univ. of Phillipines, 1963, as an U.N. expert; *Hobb*: Gardening; *Add*: Dept. of Geology, I.I.T., Kharagpur.

BAGLA, (Smt.) Sharad—Head, Geography Dept., Dayanand Girls College, Kanpur since July 1966; *b* 4 April 1933 at Bijnor, U.P.; *Edn*: M.A. (Geog) in 1959 from Agra Univ.; *Resch Exp*:Supervising research work; *Pub*: 'Bhautik Bhogol', 'Prakriatmak Bhogol', 'Uttari America', Practical Geography Part I and Part II', 'Bhautik Bhogol ke Tatva'; *Honours*: Awarded the First Prize of Rs. 700.00 for her books on 'Bhautik Bhogol' & 'Prakriatmak Bhogol'; *Exp*: M.G. College, Kanpur, 4 years; Dayanand Girls College, Kanpur, for last 8 years; *Mem*: Indian Science Congress; Sports Supdt., D.G. College, Kanpur; *Knows*: Hindi and English; *Hobb*: Badminton; *Add*: 7/31, Tilaknagar, Kanpur-2.

BAGLA, (Dr.) Sita Ram — Assoct. Prof. of Geography, D.A.V. College, Kanpur since July 1963 ; *b* 29 June 1932 at Hathras, U.P. ; *Edn :* M.A. (Geog) in 1954 from D.A.V. College, Kanpur ; Ph.D. (Bombay : The megolopolis of India — A study in Urban Geography) in 1960 from Agra Univ; *Resch Exp* : Supervising work of several research scholars ; *Pub* : 'Bhautik Bhogol , 'Prakriatmak Bhogol' 'Uttari America' , 'Practical Geography Part I & II' , 'Bhautik Bhogol Ke Tatva' , 'Asia' , 'Inter Practical Bhogol' , 'Manchitra Abhyas-Vishva' , 'Manchitra Abhyas-Asia' , 'Manchitra Abhyas-Bharat' , 'Map Projections' ; *Honours* ; Shared the First Prize for Rs. 700.00 from the U.P. Govt. on his two books 'Bhautik Bhogol' & 'Prakriatmik Bhogol' ; *Exp* : Joined the D.A.V. College, 14 years back ; *Mem* : Indian Science Congress ; Fellow of the Royal Geographical Society (London) ; Fellow, American Geographical Society, New York (USA) ; Member, Indian Geographical Society of India, Calcutta ; *Knows* : English & Hindi ; *Add* : 7/31, Tilak Nagar, Kanpur-2.

BAHIRAT, Bhalachandr Pandharinath—Publisher, Sanatvangmay Upasak Mandal, Pandharpur ; *b* 4 September 1904 at Pandharpur ; *Edn* : M.A. (Phil by thesis, in 1954 from Fergusson College, Poona ; *Pub* : Edited numerous Marathi manuscripts ; published books on 'Philosophy of Jnanadeva' , 'Sant Vanicha Amritkalash 'Bhakticha Kalpavriksha' , 'Nathancha Prasad' , 'Ovi Ramayana of Mukteshwar' , 'Anubhavamrit', Sakal Sant Gatha' ; *Exp*: Lectured in various Colleges at Sholapur, Jalgaon, Mahad, Udgir, Pandharpur, Karmala, Poona for P.G. Students of Marathi literature ; *Mem :* President of Pandharpur Samshodhan Mandal, Sant Vangmaya Mandal and Vidya Vikas Mandal, all at Pandharpur; *Genl* : Has special study in the works of the saints of Maharashtra ; delivered religious discourses on various occasions upon their teaching ; *Knows :* Marathi. English, Hindi & Bengali ; *Hobb* : Reading ; *Add* : Upasak Mandal, Pandharpur.

BAHL, Bhim Sain—Principal, D.A.V. College, Jullundur since 1962 *b* 12 October 1912 at Kalabagh in Dist. Mianwali ; *Edn* : M.Sc. (Chem) in 1935 from Govt. College, Lahore, with first class first; *Pub*: Several books like 'Advanced B.Sc. Organic Chemistry', 'Essentials of Physical Chemistry for B.Sc. ' , 'Comprehensive Inorganic Chemistry' 'Elementary Organic Chemistry', 'Inter In-organic Chemistry' , 'Advanced Practical Chemistry' ; *Exp* : Head, Dept. of Chemistry, D.A.V. College, Jullundur, 1936-55 ; Principal, D.A.V. College, Amritsar, 1955-62 ; *Mem* : Syndicate, Senate of Punjab Univ. since 1949; Member Board of Studies in Chemistry of Punjab Univ. since 1947 ; President, Association of Principals since 1962 ; *Knows :* English & Hindi; *Visited :* U.S.A. in 1964 to study College administration as member of Principals Seminar sponsored by the State Dept., Washington ; U.K. in 1964 to study Higher Education and see places of higher learning ; *Knows* : English, Hindi, Urdu & Panjabi ; *Add* : Principal, D.A.V. College, Jullundur.

BAHRI, (Dr) Hardev—Reader, Dept. of Hindi, Univ. of Allahabad, *b* 13 September 1909 at Talagang in Dist. Attock ; *Edn :* M.A. (History) in 1933 from Govt. College, Lahore ; M.O.L. & Shastri in 1932 from Univ. Oriental College, Lahore ; Ph. D. (Linguistics) in 1943 from Punjab Univ. ; D.Litt. (Linguistics) in 1945 from Allahabad Univ. ; *Resch Exp :* For 30 years ; *Pub* : Books on 'Comprehensive English-Hindi Dictionary' , 'Hindi Semantics' , 'Persian Influence on Hindi' ; 'Lahndi Phonetics' , 'Lahndi Phonology' , 'Teach your-self Punjabi' , Teach Yourself Hindi' , 'Shauddha Hindi ; 'Hindi Udbhana Vikas aur Roop' , 'Hindi Gramar Bobijan' , 'Prakrit aur uska Sahitya',

'Hindi ke Kavya Sahitya ka Vikas', 'Prasad Sahitya Kosh', 'Prasad Kavya', 'Russian-Hindi Dictionary (Editor)' and about 100 papers published in various journals; *Honours :* Invited to deliver lectures on Indian linguisitcs in foreign universities ; *Exp* : Univ. Oriental College, Lahore, 2 years ; D.A.V. College, Rawalpindi, 3 years; Aitchison Chef's College, Lahore, 10 years; Kururkshetra Univ. 2 years ; at Allahabad Univ. for the last 20 years ; *Mem :* Oriental Conference, Bhartiya Hindi Parishad ; *Genl :* Studied applied linguistics, teaching and learning foreign languages, specialized in lexicography; *Knows* : Punjabi, Gujrati, Bengali, Marathi, Hindi, Sanskrit, Urdu, English & Russian ; *Visited :* Various universities in USSR, Czechoslovakia & W. Germany to deliver lectures; *Add* : Dept. of Hindi, Univ. of Allahabad, Allahabad.

BAHRI, (Dr) Sita Ram—Head, Dept. of Linguistics, Punjabi Univ., Patiala-4; *b* 9 February 1917 at Telagang in Dist. Attock ; *Edn* : M.A. (Persian) in 1942, M.O.L. in 1943 from Oriental College, Lahore; M.A. (Hindi) & Ph. D. in 1966 from Punjab Univ; *Resch Exp*: For past 25 years engaged in linguistic and literary research ; *Pub* : Books on 'Punjabi Parhai Likhai', 'Vichar Vihan', 'Sahitya Manthan', 'Nanak Bani Vibh Falsfa', 'Guru Nanak Sahib di Darshanikta da pichhokar', 'Phonology of Persian Element in Lahndi' ; *Honours* : Awarded Punjab Govt. First Prize for writing best essay on Communal Harmony ; *Exp* : S.D. College, Rawalpindi ; D.A.V. College, Shalapur; D.M. College, Moga; *Mem :* Radio & Film Language Association, Anjuman-e-Traqee-i-Urdu ; Advisor, Sangeet Natak Akademi and Sahitya Akademi for Punjabi literature and Drama since 1966; member of the Editorial Board of Punjabi & Hindi Journals of the Punjabi Univ., Patiala ; *Genl* : Giving talks on literary and critical topics on AIR, Jullundur since 1958. *Knows :* Punjabi, Urdu, Persian, Hindi, English & Lahndi ; *Add :* Dept. of Linguistics, Punjabi Univ., Patiala.

BAJPAI, K.D.—Prof. & Head, Dept. of Ancient Indian History, Culture & Archaeology, Univ. of Saugar, Sagar since September 1958 ; *b* 10 December 1917 at Raipur in Dist. Raebareli ; *Edn* : M.A. (History) in 1942 from BHU ; *Resch Exp* : Guiding research scholars since 1958 ; *Pub* : Over 20 books published on various topics of Indian History, Culture & Archaeology ; about 250 research papers published ; *Honours* : Awarded Dayaram Sahni Gold Medal in 1942 for standing First class First in M.A. ; appointed Tagore Prof. in 1963 ; Visiting Prof. to the Buddhist Univ., Cambodia ; *Mem*: Central Board of Archaeology of Govt. of India ; History Cttee, Hindi Directorate of Govt. of India ; President, South Eastern Asia Section of the All India Oriental Conference; President, Numismatic Society of India ; Member of various Univ. academic Bodies in India and abroad ; *Genl* : Archaeological excavations at Eran, Dist. Sagar, and Tripuri in Dist Jabalpur conducted under his supervision ; Explored several important sites and monuments in about 20 districts of M.P. ; *Knows* : Hindi, English, Urdu, Sanskrit, Pali & Prakrit ; *Visited* : Nepal; *Hobb*: Archaeological field work; *Add* : Univ. of Saugar, Sagar.

BAJPAI, M.R.—Head, Agronomy Dept., Univ. of Udaipur, College of Agri., Campus—Jobner since February 1958 ; *b :* 7 January 1926 at Lucknow ; *Edn :* M.Sc. (Agronomy) in 1950 from B.R. College, Agra; Associate IARI (Agronomy) in 1952 from IARI, New Delhi ; *Resch Exp :* For 15 years in the field of Weed Control, Water Management and Soil and Water Conservation ; *Exp :* Govt. Agri. College, Kanpur ; S.K.N. Govt. Agri. College, Jobner ; S.K.N. College of Agri., Univ. of Udaipur ; *Mem :* American Society of Agronomy, USA ; Indian Society of Agronomy ; The Arid Zone Research Association of India, Jodhpur ; *Genl :* Received P.G. Training in USA in Agronomy under US AID programme for 1965-66 ; *Visited :* USA ; *Hobb :* Practical agriculture, photography ; *Add :* 42, Cantt. Road, Lucknow.

BAJPAI, R.G.—Principal, Govt. College, Muktsar since April 1964 ; *b* 7 November 1923 at Aung in Dist. Fatehpur ; *Edn :* M. Com. in 1945 from Allahabad Univ. ; *Pub* ; Number of articles about various aspects of Indian economy published in Indian Economic Journal ; *Exp :* Bikram College, Kapurthala ; Govt. College, Tonda-Urmar ; *Mem :* Life member, Indian Economic Association ; *Knows :* Sanskrit, Hindi, Panjabi and English ; *Hobb :* Gardening ; *Add* : Govt. College, Muktsar.

BAJPAI, Shyam Narayan—Principal, Govt. P.G. College, Mandsaur since July 1966 ; *b* 13 December 1918 at Tirwa, U.P. ; *Edn :* M.A. (History) in 1940 from S.D. College, Kanpur ; *Resch Exp :* Guiding research scholars ; *Pub :* 'Culture & Civilisation', 'Early Trends of French Revolution', 'Anglo-Maratha Diplomacy', 'Indian Culture & its Traditions', 'Concept of History' and many others ; *Exp :* Prof. of History at Holkar College, Indore, 1944-55 ; Mahadev College, Ujjain, 1955-58 ; Principal, Govt. College, Barwani, 1958-61 ; Govt. College, Jhabua, 1961-63 ; Govt. College, Shjapur, 1963-66 ; *Mem :* All India History Congress, M.P. Itihas Mandal (Bhopal), Senate and Academic Council of Vikram Univ., Ex-member of the Syndicate, Vikram Univ. ; *Knows :* English, Hindi ; *Hobb :* Yoga, gardening, reading and writing ; *Add :* Govt. P.G. College, Mandsaur, Rajasthan.

BAKHSHI, (Dr) Goverdhan Lal—Principal, Govt. College for Boys, Chandigarh since 1964 ; *b* 20 September 1917 at Rawalpindi, W. Pakistan ; *Edn :* M.A. (Maths) in 1939 from Dayal Singh College, Lahore ; D.Sc. (Maths) in 1954 from Univ. of Brussels ; *Resch Exp :* On the theory of Remainders in the Algebra of Grassmann ; *Pub :* A few papers published in the proceedings of Royal Academy of Sciences, Belgium ; read paper at the International Congress of Maths, Amerstdam 1954 ; some papers on Educational Planning & Administration published ; *Exp :* D.S. College, Lahore ; Mahendra College, Patiala ; Principal, Govt. College, Nabha ; Principal, State College of Education, Patiala, Principal, Mahendra College, Patiala ; Concurrently holding the rank of Director Public Instruction-cum-Deputy Secretary (Edn) Union Territory of Chandigarh ; *Mem :* International Congress of Mathematicians, Amsterdam ; Indian Mathematical Society ; President, Punjab Mathematical Society ; Treasurer, Northern India Science Association ; Member, Syndicate & Senate of the Universities of Punjab, Punjabi & Kurukshetra ; *Knows* : English, French, Urdu, Hindi, Punjabi, Persian & Sanskrit ; *Visited :* U.K., Belgium, France, Holland, W. Germany, Switzerland, Itlay & Egypt on educational purposes ; *Sports :* Best athlete at the college as a student ; table tennis & tennis ; *Add :* Principal, Govt. College for Boys, Chandigarh.

BAKHSHISH SINGH—Principal, Punjab Univ. Evening College, Simla since February 1963; *b* 26 May 1924 at Karachi; *Edn*: M.A. (English) in 1948 from Khalsa College, Amritsar, with first class first ; *Pub*: published general articles on Personality and Character Development, Role of Evening Colleges, Reviews of Dramatic Performances at the National Defence Academy, edited English section of National Defence Academy Journal; Magazine of Govt. College, Rupar; Translated Thomas Hardy's novel 'Tess D'urberville' into Panjabi; *Exp*: Govt. College, Rupar for 13½ years; National Defence Academy, India for 10 years; *Mem*: Arts Faculty, Advisory Cttee for Evening Colleges, Academic Council of the Univ. of Punjab; Life Member, All India Educational Conference ; *Genl*: Attended Paper-Setters' Workshop at Simla and Dalhousie ; *Knows*: English, Punjabi, Hindi, Urdu & Sindhi; *Hobb*: Gardening, painting & photography; *Add*: P.U. Evening College, Simla.

BAL, (Dr) Ashok—Head, Dept. of Microbiology, J.L.N. Medical College, M.U., Aligarh since February 1965; *b* 19 May 1936 at Meerut; *Edn*: MBBS in 1958, M.D. in 1962 from K.G. Medical College, Lucknow; *Resch Exp*: For over 10 yers; *Pub*: About 20 papers published in medical journals of India and abroad; *Exp*: K.G. Medical College, Lucknow ; *Mem*: Indian Association of Pathologists; *Knows*: English & Hindi: *Add*: J.L.N. Medical College, M.U., Aligarh.

BALAJI, (Dr) N.K.—Assoct. Prof. in Medicine, Medical College, Bellary since September 1966; *b* 7 June 1930 at Nuggehally in Dist. Hassan; *Edn*: M.D. (Medicine) in 1963 from All India Institute of Medical Sciences, New Delhi; *Pub*: One paper on 'Veetocardiography'; *Exp*: Lecturer in Medicine, 1963, Asstt. Prof. in Medicine, 1963-64, Bangalore Medical College, Bangalore; Reader in Medical College, Mysore, 1964-66; *Mem*: Association of Physicians of India; *Genl*: Best outgoing student, Gold Medallist, merit scholarship holder and prize winner during MBBS degree in 1956; *Knows*: English, Hindi, Kannada, Tamil & Telugu; *Add*: Medical College, Bellary.

BALAKRISHNA, (Dr.) S. — Asstt. Director, National Geophysical Research Institute, Hyderabad since October 1962; *b* 3 August 1931 at Guntur, Andhra Pradesh; *Edn*: M.Sc. (Geophysics) in 1953 from Andhra Univ., Ph.D. (Geology) in 1955 from Osmania Univ.; *Resch Exp*: For past 15 years; guiding research students on geological and geophysical problems; *Pub*: About 90 research papers published in standard journals of India and abroad; *Honours*: Awarded the Krishnan Medal of the Indian Geophysical Union, 1967; *Exp*: Research Scholar, Physical Laboratories, Osmania Univ, 1953-54; Lecturer, 1954-58, Reader since 1958; Head, Geology Dept., Osmania Univ. since 1961; *Mem*: Treasurer, Indian Geoscience Association since 1964; Member Secy., Deccan Geological & Mining Society 1957-61; Member, Geological Society of America; Foundation Fellow and member Executive Council of Geological Society of India; Fellow of the Society of Exploration Geophysicists, Japan; Member of the American Geophysical Union; participated in the General Assembly of I.U.G.G. at Berkeley in 1963; International Symposium of Volcanology in Tokyo in 1962, Symposium of the Upper Mantle Cttee. at Newcastle-upon Tyne in U.K. in 1966;, eleventh Pacific Science Congress in Tokyo in 1966; XIV General Assembly of I.U.G.G. in Zurich in 1967; member of several bodies in different universities; *Visited*: U.S.A., U.K., Switzerland, Japan and many other countries; *Add*: National Geophysical Research Institute, Hyderabad.

BALASUBRAMANIAN, D.—Reader in History, Annamalai Univ., Annamalainagar since 1946; *b* 12 November 1924 at Karaikal in Dist. Tanjore; *Edn*: M.A. (History) in 1947 from Univ. of Annamalai, M.A. (By research in American History) in 1962 from Univ. of Wisconsin (USA); *Resch Exp*: For 20 years; *Pub*: 'Wisconsin & Canada', 'American Civil War and the Canadian Federation', 'Indian History-3 Vols', 'World History'; many other research papers published in journals of repute in India and abroad; *Honours:* Awarded Fellowship by the U.S. Educational Foundation in India; *Exp*: Joined Annamalai Univ. 22 years ago; *Mem*: Board of Studies in History & Politics, Academic Council, Senate of the Annamalai Univ.; *Knows*: English & Tamil; *Visited*: U.K. & U.S.A.; *Hobb*: Devotional music; *Add*: Dept. of History, Annamalai Univ., Annamalainagar.

BALBIR SINGH (Dr.) — Prof. of Anatomy, Medical College, Amritsar since 1962; *b* 31 August 1916 at Mehrauli, Delhi; *Edn*: M.S. (Anatomy) in 1961 from Medical College, Amritsar; *Exp*: Asstt. Demonstrator 1940-45, Demonstrator 1945-49 and 1949-53, Asstt. Prof. 1949-50, 1951-52, 1953-62, in the Dept. of Anatomy, Medical College, Amritsar; *Mem*: Anatomical Society of India, Indian Medical Association; *Knows*: English, Hindi, Punjabi & Urdu; *Genl* : Published about 20 research papers in various medical journals ; *Add*: Prof. of Anatomy, Medical College, Amritsar.

BALDUA, Panna Lal—Principal, G.S. College of Commerce & Economics, Jabalpur since 1949; *b* 16 April 1916 at Harda in Dist. Hoshangabad; *Edn*: M.A. (Econ) in 1940 from Agra Univ.; *Resch Exp*: Guiding Ph.D. and D. Litt. candidates; *Pub*: Books on 'Lekhakarma', 'Advanced Accountancy', 'Economic Development of India', 'Statistics'; *Exp* :Lecturer, G. S. College of Commerce & Economics, Wardha 1940-45; Vice Principal, G.S. College of Commerce & Economics, Nagpur 1945-46; Prof., G.S. College of Com. & Economics, Wardha 1946-49; *Mem*: Fellow of the Royal Economic Society (London); Member, Executive Council, Senate, Academic Council of Jabalpur Univ.; Member Board of Studies in Commerce of Banaras, Nagpur & Vikram Universities; Chairman Dept. of Studies in Business Admn. and Departmental Cttee of Research & Subject Examination Cttee of Jabalpur Univ.; *Add*: Principal, G.S. College of Commerce & Economics, Jabalpur.

BALI, Yash Paul—Asstt. Commissioner, Soil Conservation, Ministry of Food, Agriculture, Community Development & Co-operation, New Delhi since November 1962; *b* 15 March 1931 at Rawalpindi, W. Pakistan; *Edn*: Asset. I.A.R.I. in 1952 from I.A.R.I. (New Delhi); *Resch Exp*: in the field of Soil Survey and Land Use, Soil classification, co-relation & soil testing; *Pub*: Book on 'Soils - their Chemistry and Fertility in Tropical Asia', besides 12 papers on soil surveys etc.; *Exp*: All India Soil & Land Use Survey Organisation for 2 years; Examiner for Soil-Conservation for 3 years; *Mem*: Indian Society of Soil Sciences, International Society of Soil Sciences, Soil & Water Conservation Society of India; *Knows*: Hindi, Urdu & English; *Visited*: U.S.A. & Jordan; *Hobb*: Photography, compilation work; *Add*: c/o Ministry of Food & Agriculture, New Delhi.

BALLAL, D.K.—Prof. of Agri. Chem., College of Agri., Nagpur since 1958; *b* 31 July 1914 at Yeotmal, Maharashtra; *Edn*: M. Sc. (Chem) in 1938 from College of Sciences, Nagpur; *Resch Exp*: For over 20 years; *Pub*: About 20 papers on subjects like soil cultivation, oil cakes, cotton soil and in scientific medicines; *Exp:* College of Agri., Poona, 3 years; joined Agri. College Nagpur, 25 years back; *Mem*: Chairman, Board of Studies in Agri. Chemistry and Soil Sciences, Nagpur; Member, Faculty of Agriculture, Academic Council of Nagpur Univ.; Member, Indian Society of Soil Sciences; *Knows*: Marathi, Hindi & English; *Hobb*: Swimming and social work; *Add*: College of Agriculture, Nagpur.

BAMBHANIA, Nagardas Kashiram—Head, Dept. of Sanskrit, B.J. Institute of Learning & Research, Ahmedabad-9 since 1939; *b* 28 July 1909 at Mangrol in Saurashtra; *Edn*: M.A. (Sanskrit) in 1933, LL.B. in 1936 from B.J. Institute of Learning & Research, Ahmedabad; *Resch Exp*: for about 30 years; *Pub*: several articles on religious and philosophical subjects; several books on religious topics; *Exp*: School of Languages, Gujrat Univ., Ahmedabad; *Knows*: Gujrati, Sanskrit, English, Hindi, Marathi & German; *Hobb*: Teaching; *Add*: Dept. of Sanskrit, B.J. Institute of Learning & Research, Ahmedabad-9.

BAMJI, (Dr.) Mahtab Sohrab—Research Officer, Nutrition Research Laboratory, Hyderabad -7 since October 1965; *b* 5 October 1934 at Bombay; *Edn*: M.Sc. (Bio-chem) in 1957 from Seth G.S. Medical College, Bombay; Ph.D. (Studies in Vitamin Al & A2) from Indian Institute of Science., Bangalore; *Resch Exp*: For past 10 years; *Pub*: Over 10 research papers presented and published; *Exp*: Tufts Univ. School of Medicine, Boston, U.S.A., 1962-64; Johns Hopkins Univ., Baltimore, U.S.A., 1964-65; *Mem*: Executive Cttee of Bio-Chemists Society of India; *Knows*: Gujarati, Marathi, Hindi, English, Telugu & French; *Visited*: U.S.A., 1962-64 and 1964-65; *Hobb*: Collection of recorded Indian & Western music; *Add*: Nutrition Research Laboratory, Hyderabad.

BANDYOPADHYAY, Mantosh Kumar—Lecturer, Dept. of Geography, Gauhati Univ., Gauhati since 1959; *b* 2 April 1936 at Barisal, E. Bengal ; *Edn*: M.Sc. (Geog) in 1936 from Univ. of Calcutta, M.S. (Geog) in 1965 from Univ. of Wisconsin (U.S.A.); *Resch Exp*: For over 6 years on Geomorphology in Meghalaya, Himalayan Glaciers in Lahul, Kashmir Garhwal and Sikkim, on Glacial periglacial geology in French & Swiss Alps and Rocky Mountains in Alaska; *Pub*: Several articles in various journals; *Honours*: French Govt. Scholar 1962-63, Fulbright Scholar 1963-64, National Science Foundation Scholar 1964, Research Associate, Michigan State Univ., U.S.A. 1965; *Exp*: Research Asstt. National Atlas Organisation 1957-59: *Mem*: Himalayan Association (Calcutta), Geographical Society of India, Assam Science Society, Indian Science Congress; *Knows*: English, French, Spanish & Bengali, etc.; *Visited*: France, Switzerland, Italy, Germany, U.K., U.S.A., Canada, Japan, Hongkong, Thailand etc. for mountain studies and touring; *Hobb*: Mountaineering, travelling, photography; *Add*: 53A, Chakrabere Road North, Calcutta-30.

BANERJEE, (Dr.) Amitav—Senior Chemist, M/s. Atic Industries Ltd., Atul, via Bulsar since 1968; *b* 15 October 1943 at Allahabad; *Edn*: M.Sc. (Phy. Chem) in 1963, D. Phil (Potentiometric study on some Metal complexes of Uranium and Thorium) in 1966 from Allahabad Univ; *Resch Exp*: For over three years; *Exp*: Asstt. Scientist, Bengal Enamel Works, Palta (W.B.); for an year in Univ. of Allahabad 1967-68; *Mem*: Indian Science Congress, Fellow of Indian Chemical Society; *Knows:* English, Hindi, Bengali and German; *Hobb*. Study and research; *Add*: C/o M/s. Atic Industries Ltd., Atul via Bulsar.

BANERJEE, Anukul Chandra—Prof. and Head, Dept. of Pali, Calcutta Univ , since 1959; *b* in 1911 at Kasiadanga in Dist. Nadia; *Edn*: M.A. (Pali) in 1933 from Calcutta Univ.; B.L. in 1935 from Ripon Law College, Calcutta; *Resch Exp*: For over three decades; *Pub*: 'Sarvastivada literature', 'Kavyadarsa', 'Mahadevivyakarana', 'Narayanaparipecha' 'Karmavakya', 'Pratimoksasutra', 'Buddha-O-Buddhadharma' besides a large number of articles on Buddhism and allied subjects; *Honours*: Gold Medal in M.A.; *Exp*: Joined Calcutta Univ. about 35 years back; *Mem*: Hony. Secy. Greater India Society; Member, Asiatic Society; President of Nalanda Vidyabhavan; *Genl*: interested in visiting places of historical and Buddhist importance; *Knows*: English, Bengali, Hindi, Sanskrit, Pali and Tibetan; *Visited*: Rangoon Univ. and other places of Buddhist importance in Burma in 1956; *Hobb*: Reading books; *Add*: P.O. Kasiadanga, Dist. Nadia.

BANERJEE, (Dr.) Bhupati—Principal & Prof. of Physiology, T.D. Medical College, Alleppey-5 since 1964; *b* 1 February 1914 at Bangalpur in Dist. Howrah; *Edn* : M.Sc. (Physiology) in 1937, Ph.D. (Biochemistry) in 1956 from Calcutta Univ.; *Resch Exp*: For about 20 years, guiding post-graduate students; doing research in the field of nutrition and clinical physiology; *Pub*: Practical books on Histology, Biochemistry, Experimental Physiology and Haematology for M.B.B.S. and P.G. students; besides 26 articles published in various journals of India and abroad; *Exp*: For about 28 years at Calcutta Science College, Presidency College, Calcutta ; Orissa Medical College, Cuttack; Assam Medical College, Dibrugarh; Christian Medical College, Ludhiana; *Mem*: Expert Group in Physiology of I.C.M.R., Board of Studies of Kerala Univ., Indian Medical Association, Indian Association of Physiologists and Pharmacologists, Indian Science Congress, Senate of Univ. of Kerala; *Genl*: Served in the Indian Army Medical Corps during the 2nd World War; *Knows*: Bengali, English, Hindi and Assamese; *Visited*: Several Middle East countries in connection with the Army service; *Hobb*: Gardening and book-collection; *Add*: T.D. Medical College, Alleppey-5.

BANERJEE, (Dr.) Bimal Chandra—Assoct. Prof. of Chemistry, D.A.V. College, Kanpur since April 1966; *b* 6 May 1924 at Chinsurah in Dist. Hooghly; *Edn*: M. Sc. (Chem) in 1947 from Hindu College, Delhi; Ph.D. (Chem) in 1964 from National Sugar Institute, Kanpur; *Resch Exp*: Guiding research scholars of Agra and Kanpur Universities; carried out fundamental research on the Structure of the Hemicelluloses from Bagasse and for the first time isolated DL-Xyloketose from a plant polysaccharide; *Pub*: A book on 'Analytical Chemistry for B.Sc. Part II' besides several papers; *Exp*: Joined D.A.V. College, Kanpur about 20 years back; *Mem*: Indian Science Congress Association, U.P. Contract Bridge Association (Kanpur), Fellow of Indian Chemical Society, Science and Technology; *Knows*: English, Bengali and Hindi; *Hobb*: Photography, contract bridge, free-lance journalism; *Add*: 113/154, Swaroop Nagar, Kanpur-2.

BANERJEE, (Dr.) Biswanath—Prof. and Head, Dept. of Sanskrit, Pali and Prakrit, Visva Bharti Univ., Santiniketan since November 1967; *b* 1 September 1926 at Patna; *Edn*: M.A. (Sanskrit) in 1947, M.A. (Pali) in 1949 from Univ. of Calcutta; Dr. Phil. (Indology) in 1959 from Univ. of Munich, W. Germany; *Resch Exp*: For 10 years; *Pub*: About 10 research papers published; *Exp*: Lecturer, Sanskrit and Pali, Visva Bharti, 1953-60; Reader, Pali, Calcutta Univ., 1960-62; Prof. and Head, Dept. of Pali, Govt. Sanskrit College, Calcutta, 1962-67; *Mem*: The Asiatic Society and its Treasurer in 1967-68; *Genl*: Represented Visva Bharati Univ. in the Camp for Youth Leadership Training organised by the Union Ministry of Education, in 1956; *Knows*: English, German, French, Tibetan, Oriya, Hindi and Bengali; *Visited*: W. Germany as research student in the Univ. of Munich; also visited U.K., Italy, France, Belgium, Holland, and Austria; *Hobb*: Sports, travels; *Add*: Dept. of Sanskrit, Visva Bharti Univ., Santiniketan.

BANERJEE, Hiranmay—Vice-Chancellor, Rabindra Bharati Univ., 6/4, Dwarka Nath Tagore Lane, Calcutta-7 since May 1962; *b* 5 Sept. 1905 at Calcutta; *Edn*: B.A. (Hons. Phil) in 1926 from Presidency College, Calcutta; I.C.S. Probationery Course for 2 years, in 1929, from School of Oriental Studies, London; *Resch Exp*: Since 1929 engaged in research in Philosophy, literature and aesthetics; *Pub*: Total books published 16, like 'Rabindra Darshan', 'Upanishad Darshan', 'Thakur Katha', 'A Study of Tagore's Poetry', Experiments in Rural Reconstruction; *Honours*: Awarded Unesco prize of 500 dollars for his literature in Agriculture in 1960; *Exp*: As member of the I.C.S. remained a Govt. employee for 1929-62 holding posts as Rehabilitation Commissioner, 1949-55 and Development Commissioner, 1955-62; *Mem*: President, Ramakrishna Mission Ashram, Narendrapur; President, Bengal Adult Literacy Association; President, Social Service League, Calcutta; Vice President, Asiatic Society, Calcutta; *Knows:* English, Bengali, Sanskrit and Hindi; *Visited*: U.K. for I.C.S. training; *Hobb*: Tennis, gardening; *Add*: 1, Ballygunge Terrace, Calcutta-19.

BANERJEE, (Dr.) Nanigopal—Director, King Edward VII Memorial Pasteur Institute and Medical Research Institute, Shillong since September 1963; *b* 1 January 1924 at Nowgong, Assam; *Edn*: M.B.B.S; Ph.D. (Bacteriology) in 1959 from Dept. of Bacteriology, Univ. of Leeds, U.K.; *Resch Exp*: Worked on various aspects of Bacterial Diseases; *Pub*: Several papers on 'Haemoptysis as a complication of Pertussis', 'Incidence of Carcinoma in Assam', 'Mesothelioma of the Pleura', 'Mushroom Poisoning in North East Assam', 'Urinary Tract Infection', 'Bacterial Elastases', 'Intestinal Coleoptera'; *Exp*: Curator, Pathology Museum; Demonstrator of Pathology; Asstt. Prof. of Pathology in Department of Pathology and Bacteriology, Assam Medical College from 1949 to 1962; Additional Director, Pasteur Institute and Medical Research Institute, Shillong, 1962-63; *Mem:* Indian Medical Association, Association of Microbiologists of India; *Know*: English, Bengali and Assamese; *Visited*: Univ. of Leeds, U.K, for Ph.D.; P.G. Medical Institute, Prague and other Institutes in Czechoslavakia for training in Epidemiology under WHO scholarship; *Hobb*: Reading; *Add*: P.O. Nowgong, Assam.

BANERJEE, (Dr.) Prabhat Kumar—Principal, Univ. College of Medicine, Calcutta Univ. since 1956; *b* 1 July 1917 at Calcutta; *Edn*: M.B.B.S. in 1940 from R.G. Kar Medical College, Calcutta; M.Sc. (Physiology) with First Class First, Ph.D. (Physiology) from Univ. College of Science, Calcutta Univ.; *Resch Exp*: For 25 years; *Pub*: Edited a book on Human Physiology, besides 30 papers published; *Exp*· R.G. Kar Medical College, Calcutta, National Medical College, Univ. College of Science, all at Calcutta; *Mem*: Association for the Advancement of Medical Education, Indian Medical Association, Physiological Society of India, Calcutta Medical Club, Institute of P.G. Medical Education & Research (Chandigarh); *Visited*: Cheingmai Univ., Thailand to attend 3rd Asian Conference on Students' Health; *Knows*: English, Bengali, Sanskrit and Hindi; *Hobb*: Gardening, cricket; *Add*: Univ. College of Medicine, Cal. Univ., Calcutta-12.

BANERJEE, R.C.—Dean, Faculty of Fine Arts & Head of the Department of Music and Dance, Rabindra Bharti Univ., 6/4, Dwarkanath Tagore Lane, Calcutta-7 since 1960; *b* 1 September 1905 at Bishnupur in Dist. Bankura; *Edn*: B.A. in 1926 from Scottish Church College; Sangeet Ratnakar; *Pub*: Books on 'History of Bishnupur', 'Gopeswar Jitika', 'Brahmo Sangit Swarlipi', 'Bani and Bina'; several papers published in Bengali monthlies like 'Basumati' and 'Galpa Bharti' etc.; *Exp*: Bethune Collegiate School, Beltalla Girls School, Brahmo Balika Vidyalaya etc. at Calcutta; Head, Dept. of Music, Academy of Dance, Drama and Music, Rabindra Bharti, 1955-60; *Mem*: Indo-American Society, Bangiya Sahitya Parishad; Member, Board of Studies and Syllabus, Cttee in Music of Calcutta Univ.; Member, Board of Examiners, Viswa Bharti, Santiniketan; Rabindra Bharti; Chairman, Music Board, Secondary Board of Education, W. Bengal; *Genl*: Son of Sangeet Nayak Dr. Gopeswar Banerjee, the greatest exponent of Indian Music, author and composer; lead-

ing artist of All India Radio since 1927, broadcasting Khyal, Alap, Dhrup and Dhamar and Classical songs of Rabindranath Tagore; *Visited:* W. Germany on study tour; *Add:* P. 136, Bangur Avenue, Block B, Calcutta-55.

BANERJEE, (Dr.) R.N.—Scientific Asstt., Central National Herbarium, Botanical Survey of India, Howrah-3 since April 1963; *b* 5 January 1935 at Calcutta; *Edn:* M.Sc. (Botany) in 1962 from Presidency College, Calcutta; *Resch Exp*: Since 1964 working on 'Taxonomical Studies of Araliaceae of India'; *Pub*: Five research papers; *Exp*: Joined Botanical Survey of India in 1964; *Mem* : International Association for Plant Taxonomy, Netherlands; Indian Botanical Society, Botanical Society of Bengal, Indian Science Congress Association; *Knows*: Bengali, English and Hindi; *Visited* : Bhutan in 1963 for plant explorations; *Hobb*: Collections of different plant specimens; *Add*: P.O. and Vill. Khantura, Dist. 24 Parganas, or 48 Madhu Roy Lane, Calcutta-6.

BANERJEE, Rabindranath—Principal, M.B.C. Institute of Engg. & Technology, Burdwan since April 1952 ; *b* 16 March 1914 at Calcutta ; *Edn :* B.E. (Elect. Engg.) in 1938 from Bengal Engg. College, Shibpur and was awarded Ambica Chandra Chowdhury Gold Medal ; *Exp :* Town Power Supplies, Calcutta, 2 years ; Ichapore Ordnance Factory. 4 years ; Asst. Prof. & Assoc. Asst. Prof. of Elect. Engg.. B.E. College, 4 years ; Chief Inspector, Technical Education, W. Bengal, 2 years ; *Mem :* A.M.I.E., India ; Association of Principals of Technical Institutions (India) ; *Knows :* Bengali, English & Hindi ; *Hobb :* Contract bridge ; *Add :* M.B.C. Institute of Engg. & Techy., Burdwan.

BANERJEE, (Dr.) Rabindranath— Sr. Lecturer, Dept. of Commerce, Univ. of Burdwan, Burdwan since 1966 ; *b* 30 September 1930 at Howrah ; *Edn* ; M.A. (Econ) in 1952, D. Phil. (Econ) in 1965 from Univ. of Calcutta ; *Resch Exp :* For past over 15 years in Labour Economics, some of the projects sponsored by the Planning Commission of India & Shri Ram Centre for Industrial Relations ; *Pub :* Books on 'A Study of Welfare Economics of India', 'Industrial Awards and Industrial Relations in India', 'Theory of Pricing and Monetary Economics' besides several papers published and read at Conferences ; *Honours :* In Ph.D. awarded Gold Medal and Cash Prize ; *Exp :* Howrah College, Howrah 1953-64 ; Indian Institute of Social Welfare and Business Management, Calcutta 1964-66 ; *Mem :* Indian Economic Association, Director in the Board of Directors of Indian Academy of Labour Arbitrators (New Delhi), member of the Executive Committee of Indian Society of Labour Economics, Founder Secretary of Institute of Industrial Relations Research (Calcutta) ; *Genl :* Interested in painting : organised a few painting exhibitions ; *Knows :* Bengali, Hindi, English & French ; *Hobb :* Painting, travelling and gardening ; *Add :* Dept. of Commerce, Univ. of Burdwan, Burdwan.

BANERJEE, Ramendra Nath—Geologist, Geological Survey of India, 5, Middleton Street, Calcutta-16 since 1964 ; *b* 1 February 1935 at Bongaon in W. Bengal ; *Edn :* M.Sc. (Geol) in 1956 from Presidency College, Calcutta ; *Resch Exp :* Working on 'Sambalpur Granite of Orissa' ; *Pub :* Seven papers ; *Exp :* Asstt. Prof. of Geology, Bengal Engineering College, Shibpur, 1958-59 ; Asstt. Geologist, Geological Survey of India, Calcutta, 1959-63 ; *Mem :* Indian Science Congress, Alumni Association of the Presidency College, Fellow of the Geological Mining & Metallurgical Society of India ; *Knows :* Bengali, Hindi, English, Sanskrit & Oriya ; *Hobb :* Photography, philately, reading of literature etc. ; *Add :* 1/1A, Preonath Banerjee St., Calcutta-9.

BANERJEE, (Dr) Sachchidananda—Chief Scientific Adviser, Dey's Medical Stores (Mfg) Pvt. Ltd., 62, Bondel Road, Calcutta-19 since 1965 ; *b* 1 December 1910 at Nalahati in Dist. Burdwan ; *Edn :* M.Sc. (Physiology) in 1937 from Presidency College, Calcutta ; D.Sc. (Physiology) in 1945 from Calcutta Univ. ; *Resch Exp :* Research scholar for seven years 1940-47 ; *Pub :* About 250 research papers published in reputed scientific

journals of the world ; *Honours :* Univ. Gold Medal 1937, Coat's Gold Medal 1945, Griffith Memorial Prize in Science in 1940 and 1942, Ghosh Travelling Fellowship 1944-45 ; *Exp :* Prof. of Chemistry, School of Tropical Medicine, Calcutta 1947-48 ; Prof. & Head, Physiology Dept., Presidency College, Calcutta 1948-59, Prof. & Head, Physiology Dept., S.P. Medical College, Bikaner 1959-64; Principal, S.P. Medical College, Bikaner 1964; Prof. & Head, Physiology Dept., S.M.S. Medical College, Jaipur 1964-65 ; *Mem :* American Diabetes Association since 1945, Harvey Society (U S.A) since 1945, American Chemical Society since 1945, Society for Experimental Biology & Medicine (U.S.A.) since 1945, New York Academy of Sciences since 1963, Biochemical Society (London) since 1944, Indian Science News Association since 1941, Indian Science Congress Association since 1941, Indian Pharmaceutical Association since 1966, Fellow of the American Association for the Advancement of Science since 1951, Fellow of the National Institute of Science of India since 1952 ; Chairman, Nutrition Advisory Committee, I.C.M R., 1960-63 ; *Knows :* Bengali, Sanskrit & English ; *Visited :* U.S.A. & Greece ; *Hobb :* Theatre ; *Add :* Dey's Medical Stores (Mfg) Pvt. Ltd , 62, Bondel Road, Calcutta-19.

BANERJEE, (Dr.) Sati Prasad—Asstt. Prof. of Chemistry, Saugar Univ., Sagar since August 1962; *b* 16 April 1939 at Ethora, W. Bengal; *Edn*: M. Sc. (Chem) in 1960, Ph D. (Chem) in 1964 from Univ. of Saugar; *Resch Exp*: Doctoral thesis on 'Physico-Chemical studies of the complexes of Molybdenum and Tungsten with Organic Ligands'; *Pub*: Six papers; *Exp*: St. Aloysius' College, Jabalpur 1960; Joined Univ. of Saugar in 1962; *Mem*: Indian Assn. for the Cultivation of Science (Calcutta), Indian Chemical Society; *Knows*: Bengali, Hindi, English, French etc.; *Hobb*: Stamp collecting, reading, games etc; *Add*: Dept. of Chemistry, Saugar Univ., Sagar.

BANERJEE, (Dr.) Sukhendu Bikash—Research Officer, Indian Association for the Cultivation of Science, Jabalpur, Calcutta-32 since 1967; *b* 11 November 1929 at Uluberia in Dist. Howrah; *Edn*: M. Sc. (Physics) in 1951, D. Phil. (Pure Phsycis) in 1959 from Univ. of Calcutta; *Resch Exp*: About 15 years in different branches of molecular spectroscopy; *Pub*: About 32 research papers and 10 articles on subjects of scientific and cultural interest; *Exp* Research Asstt. at Indian Assn. for Cultivation of Science, Calcutta, 15 years; North Bengal Univ., 1 year; *Knows*: Bengali & English: *Visited*: Univ. of California, U S.A., 1964-65; *Add :* 96, M.C. Ghosh Lane, Howrah-1.

BANERJEE, Sukumar—Asstt. Anthropologist, Anthropological Survey of India, J.L. Nehru Road, Calcutta-13 since 1965; *b* 11 September 1922 at Hooghly, W. Bengal; *Edn*: M. Sc. (Anth) in 1961 from Univ. of Calcutta; *Resch Exp:* Conducted researches in Andaman & Nicobar Islands, Industrial & Rural Areas of 24 Parganas; Dehra Dun, NEFA, slum areas of Calcutta, Khasi Hills, etc.; *Pub*: Ten research papers; *Exp*: Senior Tech. Asstt. 1947-53, Research Associate, 1953-65, in the Anthropological Survey of India, Calcutta; For 1953-57, also Officer-in Charge of the Assam Station of the Anthropological Survey of India; *Mem*: Indian Science Congress; *Knows*: Bengali, Hindi, English & German etc; *Hobb*: Current affairs, outdoor games; *Add*: Gopi Bhawan, 70, S.N. Chatterjee Road, Calcutta-34.

BANERJEE, Sukumar—Lecturer, Dept. of Maths., Charu Chandra College, Calcutta-29 since 1961; *b* 9 October 1939 at Hooghly, W. Bengal; *Edn*: M. Sc. (App Maths) in 1960 from Univ. College of Sciences, Calcutta; *Exp*: Joined Charu Chandra College, Calcutta in 1961; *Mem*: Calcutta Mathematical Society, Indian Science Congress, General Cttee of W. Bengal College & Teachers Association; *Knows*: English, Bengali & Hindi; *Hobb*: Music, chess, organising cultural functions, travelling etc; *Add*: 26, Mahim Halder Street, Calcutta-26.

BANERJEE, Surendranath—Teacher in Psychology, Rani Bhabani Higher Sec. School, Calcutta since April 1968; *b* 12 September 1941 at Calcutta ; *Edn* : M. Sc. (Psychology) in 1962 from Univ. Colleges of Science & Technology, Univ of Calcutta; Certificate in Psycho-analysis in 1967 from Indian Psycho-analytical Society. Calcutta; *Resch Exp*: In the field of Experimental, Child, Industrial and Clinical psychology; *Pub*: Six research articles published in various scientific journals; *Exp*: Indian Institute of Social Welfare & Business Management, 1963-64; Dept. of Psychology, Univ. of Calcutta 1964-67 ; Hospital for Crippled Children, Bonzhooghly 1967-68; *Mem:* Indian Science Congress Association, Society of Experimental Medical Sciences of India, Indian Psychological Association, Indian Psychoanalytical Society; *Knows*: Bengali, English & Hindi; *Hobb*: Instrumental music and touring; *Add*: 21, Blacquire Square, Calcutta 6.

BANERJEE, (Dr.) T.—Director, National Metallurgical Laboratory, Jamshedpur since August 1966; *b* August 1907 at Manikganj in E. Pakistan; *Edn:* M. Sc. (Phyical Chem) in 1930, standing first class first and awarded Gold Medal; D. Sc. in 'Photoactive properties of inorganic colloids' in 1936 from Dacca Univ.; Ph. D. (Electrodeposition of intermediate phases of alloys' in 1947 from London Univ.; *Pub*: Over 150 papers published in journals of repute in India and abroad; has 16 patents registered to his credit in India and abroad; *Honours*: Recepient of Cooper Memorial Medal in 1955; Dr. K.G. Naik Gold Medal in 1958 from M.S. Univ. of Baroda; awarded Silver Plaque and Scroll of Honour by the Institute of Indian Foundrymen; *Exp*: Lecturer, Dacca Univ., 1933-36; Physical Chemist, Linseed Scheme, ICAR, 1936-37; Lecturer in Physical Chemistay, Dacca Univ. 1937-45; Research Fellow, King's College, London, 1945-47; Asstt. Director 1948-57, Dy. Director 1957-6 6 of the National Metallurgical Laboratory, Jamshedpur; *Mem*: Fellow of the Institution of Metallurgists (London), Royal Institute of Chemistry (London), National Institute of Sciences of India, Institute of Chemists of India; Director on the Board of Directors, National Mineral Development Corpn. of India, Gujarat Mineral Development Corpn. of India; Member of the Central Scientific & Research Services Orgn. of Hindustan Steel Ltd., Metallurgy Cttee of Dept. of Atomic Energy, Defence Metallurgical Research Laboratory Advisory Cttee (Hyderabad), Geological Programming Board of the Ministry of Mines & Metals; *Genl*: Responsible for planning of Marine Corrosion Research Station at Digha; a number of research projects handled by him are capable of industrial exploitation and some are already being exploited by industrial concerns; *Add*: 46, Circuit House Area, Jamshedpur.

BANERJEE, (Dr.)Vivekananda—Dept. of Zoology, Patna Univ., Patna since September 1954; *b* 9 May 1933 at Purnea, Bihar; *Edn*: M. Sc. (Zoology) in 1954, Dr. rer. nat (Zoology) in 1959 from Heidelberg Univ., W. Germany; *Resch Exp*: Doing research in Haematology and Biometry, guiding research students; *Honours*: Awarded Raja P.C. Lal Gold Medal; first class first, winning Univ. Gold Medal in M. Sc.; *Exp*: Joined Patna Univ in 1954; *Pub*: About 15 research papers and six text books on Zoology; *Mem*: Zoological Society of India, Zoological Society (Bengal); *Knows*: Bengali, English, Hindi & German; *Visited*: Heidelberg Univ., W. Germany for Ph. D., 1957-60; *Hobb*: Writing books and doing research; *Add* : LF. Type Flat 19, Block No. 4, Rajendranagar, Patna.

BANERJI, (Dr,) Samir Kumar—Associate Prof. of Chemistry, B.I.T.S., Pilani since 1966; *b* 8 February 1923 at Ahmedabad; *Edn*: M. Sc. (Inorg Chem) in 1945, D. Phil. (Studies in Metal Chelate Compounds) in 1959 from Allahabad Univ.; *Resch Exp*: For past over 15 years; *Pub*: Books on 'Inorganic Chemistry for B. Sc. Students of Indian Universities', 'Hand Book of Technical analysis for Engineering students' besides over 35 research papers published in journals of international repute; *Exp*: Meerut College, Meerut for 16 years; joined B.I.T.S., Pilani in 1961; *Mem*: Indian Science Congress; Senate of B.I.T.S., Pilani; Fellow of National Academy of Sciences (India), Fellow Indian Chemical Society; *Knows*: English, French, Hindi, Gujarati & Bengali; *Hobb*: Gardening, science clubs, literature, music etc.; *Add*: 11, Park Road, Allahabad-2.

BANHATTI, Gopal—Principal, K.S. Somaiya College, Kopargaon, Maharashtra since June 1967; *b* 12 February 1929 at Nagpur; *Edn*: M.A. (Sanskrit) in 1952 and M.A (English) in 1957 from Nagpur Univ; *Resch Exp*: Preparing thesis for a doctorate on 'The Plays of Somerset Maugham; *Pub*: Books on 'William Congreve, a critical study' and 'The quintessence of Vivekananda' besides several papers published; *Honours*: Awarded Gold Medal for standing first in M.A., in 1952; awarded First Prize in an essay competition in Bhaktiyoga in the Gita, 1952; *Exp*: Lecturer, Nagpur Mahavidyalaya, Nagpur; Prof., Deogiri College, Aurangabad; Principal, Degloor College, Degloor with total teaching experience of over 15 years; *Mem*: Academic Council, Court of Univ. of Poona; Indian Association for English Studies; *Knows*: Marathi, English, Hindi & Sanskrit; *Hobb*: Bridge, travelling and Swimming; *Add*: K.S. Somaiya College, Kopargaon, M.S.

BANSAL, (Dr.) Ram Dass—Regional Manager, National Seeds Corpn. Ltd., 102, Sector 18A, Chandigarh since June 1967; *b* 18 February 1937 at Kharkhauda in Dist. Rohtak; *Edn*: M. Sc. (Agri. Bot) in 1960 from I.A.R.I., New Delhi; Ph. D. (Plant Breeding) in 1966 from Cornell Univ., U.S.A.; *Resch Exp*: For over 7 years in Maize Breeding, Genetics and Breeding of Lotus Corniculatus L.; *Pub*: Several research papers; *Exp*: Taught M. Sc. classes in 1966-67 before joining present body; *Mem*: Indian Society of Genetics & Plant Breeding; *Knows*: English, Hindi, Urdu, French & German; *Visited*: U.S.A. & Canada for higher studies; *Add*: National Seeds Corpn. Ltd., Chandigarh.

BANSAL, (Dr.) Ram Krishna—Prof. of Phonetics & Spoken English, Central Institute of English Hyderabad since 1967; *b* 29 January 1920 at Rohtak, Haryana; *Edn*: M.A. (English) in 1939 from St. Stephen's College, Delhi; B.T. in 1953 from Vaish College, Rohtak; Dip T.E.F.L. in 1957; Cert. in English Phonetics in 1961, Ph. D. in 1966 from Univ. of London, U.K.; *Resch Exp*: Doctoral thesis on 'The Intelligibility of Indian English : measurements of the intelligibility of connected speech, and sentence and word material, presented to listeners of different nationalities'; *Pub*: Several articles on phonetics, *Exp*: Lecturer in English, Vaish College, Rohtak 1948-58; Asstt. Prof. of English, 1958-62, Sr. Asst. Prof. of Phonetics 1962-67 at Central Institute of English, Hyderabad; *Mem*: International Phonetic Association (London), Linguistic Circle (Hyderabad), All India English Teachers Association; *Knows*: Hindi, Urdu, Sanskrit, English & Punjabi; *Visited*: U.K in 1956-57, 1960-61, 1964-66 for training and research; *Add*: Central Institute of English, Hyderabad-7.

BANSAL, Tatv Darshi—Scientist-in-Charge, Heat Division, National Physical Laboratory, New Delhi-12 since 1965 ; *b* 17 September 1915 at Multan, W. Pakistan ; *Edn* : M. Sc. (Physics) in 1935 from Allahabad Univ. ; Diplomas from Unesco, Govt. of U.K. , British Institute of Engg. Technology, City of Guilds Institute (London) ; *Resch Exp* : For the past over 30 years ; *Pub* : 5 books and several articles ; *Exp* : Radio & Television Bureau, All India Radio, Railway Telegraph Training Institute, Shilp Sanstha; *Mem* : Asiastic Society of Bengal, Institute of Radio Engineers (U.S.A.) , Institute of Electrical Engineers (U.K.), Istitute of Chartered Engineers, Institute of Eastern Engineers, British Institute of Engg. Technicians (London), International Phonetic Alphabet Association (U.K.); Founder member of Linguistic Circle of India, National Institute of Sciences, Institute of Telecommunications Engineers ; Chairman, Cttee on Thermometers & Insulation of Indian Standards Institution ; Member, Executive Cttee of Inventors Association of India ; *Add* : D/II/8, NPL Colony, New Delhi-12.

BAPAT, Vasant Vaman—Head, Dept. of Marathi, Ramnarain Ruia College, Bombay-19 since 1949 ; *b* 25 July 1922 at Karad in Dist. Satara ; *Edn* : M.A. (Marathi) in 1948 from Sir Parshurambhau College, Poona ; *Pub* : Books on 'Bijli' , 'Setu' , 'Akaravi Disha' , 'Bara Gaonche Pani', 'Balgovind' , ' Sane Gurujinchi Jeevansadhana' , 'Meghdoot' , Agchi Marathi Kavita' ; *Honours* : Awarded State Prize for his poetry book 'Setu' 1957 ; *Exp*: K.E.

Board's Arts College, Dharwar 1948-49 ; National College, Bandra, Bombay 1949-64 ; *Mem:* Chairman, Board of Studies in Marathi and Member, Youth Welfare Board in Bombay Univ. ; Member, Youth Welfare Board of Maharashtra State ; *Genl*: Actively participated in the National Movement in 1942 ; Editor of 'Sadhna, a Marathi Weekly since 1949 ; toured all States in India in 1963-64 ; *Knows :* Marathi, Gujrati, Hindi, Sanskrit, Kanada & English ; *Hobb :* Theatre and travel ; *Add* : Dept. of Marathi, Ramnarain College, Bombay-19.

BARMAN, Jitendra Nath—Lecturer, Asansol Girls College, Asansol since 1966 ; *b* 24 April 1905 at Ukhra in Dist. Burdwan ; *Edn:* M.Sc. (App Chem) in 1928 from Calcutta Univ.; *Resch Exp* : In the field of Industrial Steel works laboratory ; *Exp* : Chemist, Assam Oil Co. , Digboi , 1929-30 ; Chief Works Chemist, Indian Iron & Steel Co. Ltd. , Burnpur, 1942-66 ; Science Teacher, St. Patrick's High School, Asansol, 1931-42 ; *Mem* : Indian Science Congress, Indian Standards Institution, Indian Chemical Society, Associate of Royal Institute of Chemistry (London) ,Fellow of Chemical Society (London) ; *Knows*: English, Bengali, Sanskrit & Hindi; *Hobb*: Gardening ; *Add* : Asansol Girls College, Asansol.

BARNABAS, Joseph—Head, Physics Dept. and Vice Principal, Ahmednagar College, Ahmednagar since 1950 ; *b* 27 March 1922 at Honnavar in North Kanara ; *Edn* M.Sc. (Physics) in 1946 from Wilson College, Bombay; B.D. (Theology) in 1959 from Yale Univ, USA; *Pub* : Several articles published mostly on the theme of theology ; *Exp* : Wilson College, Bombay, 1946-47 ; Hislop College, Nagpur, 1947-50 ; *Mem* : Board of Studies, Academic Council of Univ. of Poona ; *Knows* : English & Marathi ; *Visited* : USA and some countries in Europe ; *Hobb* : Photography, badminton ; *Add* : Physics Dept., Ahmednagar College, Ahmednagar.

BARNABAS, Thomas—Principal, Ahmednagar College, Ahmednagar since 1951 ; *b* 25 February 1920 at Honnavar, Dist. S. Kanara ; *Edn :* M.Sc. (Chem) in 1943 from Bombay Univ. , one year Graduate Study in U.S.A. ; *Resch Exp*: For past 15 years, recognised guide for Ph.D. scholars ; *Pub*: About 20 articles in Indian journals of repute ; *Exp*: Joined Ahmednagar College, Ahmednagar 20 years back ; *Mem*: Executive Council, Poona Univ. ; Rotary Club, Ahmednagar ; II Class Hon. Magistrate ; Member of the Board of Management of several Colleges in Bombay, Miraj & Madhya Pradesh ; *Knows* : Kanaree, English ; *Visited* : U S.A. in 1949-50 for study, again in 1963-64 as Visiting Professor ; *Add* : Ahmednagar College, Ahmednagar.

BAROOAH, Sasanka—Head, Dept. of Horticulture, Assam Agricultural College, Jorhat-4 since November 1957 ; *b* 1 January 1927 at Jorhat, Assam ; *Edn* : M. Sc. (Agri) in 1953 from Agra Univ. ; M.S. (Horticulture) in 1960 from Missouri Univ., U.S.A.; Diplomas in 'Forestry', 'Fruit Technology' & 'Agricultural Extension' ; *Resch Exp* : For 15 years on tropical crops etc. ; *Pub*: Over 12 papers published in journals of repute in India ; *Exp*: Joined Assam Agricultural College, Jorhat 12 years back ; *Mem* : American Horticultural Association, Indian Agronomy Society, Assam Agricultural Science Society, Science Teachers Association (Assam), Fellow of the Royal Horticultural Society ; *Knows :* English, Assamese, Hindi, Bengali, Khasi & German ; *Visited :* U.S.A., U K. & Japan for training and research ; *Hobb :* Photography, travelling and hunting ; *Sports :* Member of First Eleven in Football and Hockey in School, College and Univ. ; obtained several Medals and Cups ; *Add :* Jail Road, Jorhat.

BARPUJARI, (Dr.) Heramba Kanta—Prof. & Head, Dept. of History and Dean, Faculty of Arts, Gauhati Univ., Gauhati, since July 1963 ; *b* 1 March 1915 at Dibrugarh, Assam ; *Edn :* M.A. (History) in 1938 from Dacca Univ., Ph.D. (History in 1949 from London Univ ; *Resch Exp :* For the past 20 years mainly in the field of modern history of the North-East Frontier of India ; *Pub :* A book on 'Assam in the Days of the Company (1826-1858)', the book on 'Problems of the Hill Tribes of North-East Frontier' in 2 vols. is under preparation; *Exp* : Assam Educational Service, 1941-63 ; *Mem :* Indian Historical Record Commission, Central Advisory Board of Archaeology, Life Member of Indian History Congress, Assam Sahitya Sabha, Fellow of Institute of Historical Studies of Calcutta Univ. ; *Knows :* English, Assamese, Bengali & Hindi ; *Visited ;* U.K., France, Belgium, Switzerland & Italy ; *Hobb* : Gardening ; *Add :* Hem Chandra Road, Gauhati-1.

BARPUTE, (Smt) Meera—Head, Dept. of Education, Graduates Basic Training Centre. Dhulia since August 1967; *b* 6 June 1917 at Khamgaon in Dist. Buldhana; *Edn*: M.A. (Geog) in 1959, M. Ed. in 1960, Dip. in Physical Education in 1942, B.T. in 1943; *Exp*: 18 years teaching in High Schools and for past 16 years teaching in Education Colleges at Prantiya Shikshan Mahavidyalaya, Jabalpur; Govt. College of Education, Akola; Post G.B.T. College, Amraoti; Central Training Institute, Badwah; *Knows*: English, Marathi & Hindi; *Visited*: YMCA's Springfield College of Phy. Edn., USA, for M. Ed.; U.K. for sight-seeing etc; *Hobb:* Sewing, reading; *Sports:* Badminton; *Add:* Dept. of Education, Grad. Basic Training Centre, Dhulia.

BARUA, (Dr.) Arun Kumar—Reader in Chemistry, Bose Institute, Calcutta-9 since January 1965; *b* 1 November 1929 at Chandernagore; *Edn:* M. Sc. (Pure Chem) in 1950, D. Phil. in 1955 from Calcutta Univ; *Resch Exp*: For over 18 years in Organic Chemistry; *Pub*: Over 50 papers in Indian and foreign journals; *Exp*: Joined Bose Institute in 1956 and has worked in various capacities; *Mem*: Indian Chemical Society; *Knows*: English, & Bengali; *Visited*: U.S.A. in 1959-60 and 1961; *Hobb*: Painting; *Add*: Bose Institute, Calcutta-9.

BARUA, Mahendra Nath—Lecturer in Mathematics, Gauhati Univ., Gauhati since 1962; *b* 1 May 1934 at Teok in Dist. Sibsagar; *Edn*: M. Sc. (Maths) in 1956 from Gauhati Univ.; *Resch Exp*: in the field of Complex Variables; *Pub*: Book on 'Co-ordinate Geometry of Two Dimensions' in Assamese; *Exp*: Cotton College, Gauhati, 1957-62; *Mem*: Indian Mathematical Society, Assam Science Society, Gauhati Univ. Teachers Association; *Knows*: Assamese, Bengali, Sanskrit, Hindi & English; *Add*: Teok Barua Gaon, P. O. Jakharia, Dist. Sibsagar.

BARVE, Ramachandra Sadashiv—Prof., Dept. of Mech. Engg., Univ. of Bombay, Bombay since 1958; *b* 24 March 1934 at Bombay; *Edn*: M.E. (Structural) in 1962 from Univ. of Bombay; *Resch Exp*: For 8 years; presently working on thesis for Ph. D.; *Pub*: Books on 'Engineering Mechanics' and 'Strength of Materials' besides several papers on Elasticity, Photoelasticity etc; *Exp*: Lecturer, I.I.T., Kharagpur, 1956-58; *Mem*: A M.I.E. (India); Indian Society of Soil Mechanics & Foundation Engineers; Managing body of Marathi Vidnyan Parishad; *Genl*: Liasion Officer of Univ. of Bombay; *Knows*: English, Marathi and Hindi; *Hobb*: Social work and public speaking on Education and Technology; *Add*: Dept. of Mech. Engg; Univ. of Bombay, Bombay-1.

BASU (Sinha), Mrs. Amita—Experimental Bio-Physicist, Dept. of Experimental Medical Sciences, Institute of P.G. Medical Education & Research, 224, Acharya J.C. Bose Road, Calcutta-20 since 1958; *b* 16 September 1934 at Calcutta; *Edn*: M.Sc. (Radio-physics) in 1956 from Calcutta Univ.; *Resch Exp*: for 10 years in the field of Modern Physical Techniques in Medical Sciences; *Pub*: About 10 research articles published so far; *Exp:* Univ. College of Medicine for 8 years; *Mem*: Society of Experimental Medical Sciences; *Knows*: Bengali, English & Hindi; *Hobb*: Guitar playing and reading literature; *Add*: 13, Gangulipara Lane, Calcutta-2.

BASU, (Dr.) Deb Prasanna—Prof. of Medicine and Head, Dept. of Cardiology, Sir N.R. Sircar Medical College, Calcutta since 1960; *b* 18 January 1916 at Calcutta; *Edn*: Ph. D. (Cardiology) in 1951 from Univ. of Edinburgh, U.K.; M.R.C.P. in 1952 & F.R.C.P. in 1956 from Royal College of Physicians, Edinburgh, U.K.; F.A.C.C. in 1960 and F.I.C.A. in 1961 from American College of Cardiology and American College of Angiology; *Resch Exp*: Conducting research work in Cardiovascular diseases since 1952; *Pub*: About 60 articles; several papers read at conferences; *Exp*: Junior Visiting Physician, Sir. N.S. Medical College, Calcutta, 1952-56; Asstt. Prof. of Cardiology, I.G.P.M.R. (S.S.K.M.) Hospital 1956 60; *Mem*: President, Cardiological Society of India; President, Indian

Science Congress (Medical & Veterinary Section) Tech. Advisor to U.P.S.C: in Cardiology; member, Indian Medical Association. Cardiological Association, Cardiological Society of India; South Calcutta Medical Club; *Knows:* English, Bengalee, Hindi & French; *Visited*: U.K., France, Japan & Israil for lecturing etc.; *Hobb*: Sports and research; *Add:* Merlin Park, 9, Gariahat Road, Calcutta-19.

BASU, (Dr.) Debabrata—Prof. of Stati stics, Indian Statistical Institute, Calcutta-35 since 1954; *b* 7 July 1924 at Dacca, East Pakistan; *Edn:* M.A. (Maths) in 1946 from Dacca Univ., A.I.S.I. (Stats) in 1952 from Indian Statistical Institute; D. Phil. (Stats) in 1955 from Calcutta Univ.; *Resch Exp*: for past 18 years; *Pub*: Co-author of 'Aptitude Tests for Mathematics and Statistics' besides over 25 research papers published; *Exp :* Lecturer in Math., Dacca Univ., 1947-48; joined Indian Statistical Institute in 1950; *Mem*: International Statistical Institute; *Visited*: U.S.A. in 1953-54, 1964-65, 1965-66 and in 1968; Lebanon in 1964 for teaching purposes; *Add*: 556, Block N, New Alipur, Calcutta-53.

BASU, (Dr.) Minendra Nath--Prof, Dept. of Anthropology, Calcutta Univ., 35 Ballygunge Circular Road, Calcutta-19 since 1962; *b* July 1911 at Narail, E. Pakistan; *Edn:* M. Sc. (Anthropology) in 1935, D. Phil. in 1950 from Calcutta Univ; *Resch Exp*: For past 35 years; *Pub:* More than 15 books like 'Introduction to Anthropology', 'Elements of Prehistory', 'Material Existence of Man',' Field Methods in Anthropology and other Social Sciences', 'Sociology—An applied limb of cultural Anthropology' besides several papers; *Honours*: Sir Asutosh Mookerjee Prizeman 1934, Mouat Gold Medallist 1937, Premchand Roychand Research Scholar in 1936; *Exp*: In the Dept. of Anthropology, Calcutta Univ. for past 32 years; *Mem*: Former President, Indian Anthropological Society; Vice-President, W. B. Museum Association; President, Indian Anthropological Association; Contributing Editor—Folklore; Member, Indian Science Congress Association, Current Anthropology, (U.S.A.) ; Senate, Academic Council, Science Faculty of Calcutta Univ.; Chairman, Board of Higher Studies in Anthropology, Calcutta Univ.; Member, Board of Studies in Ranchi, Utkal & Ravishanker universities etc. etc.; *Add:* Dept. of Anthropology, Cal. Univ., Calcutta.

BASU, (Dr.) Samir Kumar—Lecturer in App. Physics, Univ. College of Technology, Calcutta Univ, Calcutta-9 since April 1958; *b* 16 June 1929 at Baniara in Dist. Dacca; *Edn*: M. Sc. (App. Physics) in 1951 and D. Phil. (App. Physics) in 1961 from Calcutta Univ.; *Resch Exp:* In the field of Electrical Measurement, instruments, circuits and networks; *Pub* Over 10 research papers published in various scientific journals; *Exp*: Damodar Valley Corpn., Bokaro, 1952-54; I.I.T., Kharagpur, 1954-58; Univ. of Calcutta, 1958-63; National Research Council, Ottawa, Canada, 1963-66; Leeds & Northrup Co., U.S.A., 1966-67; *Mem:* Institute of Electrical & Electronic Engineers, New York. U.S,A.; Association of Applied Physicists, Calcutta; *Knows*; Bengali, Hindi & English; *Visited :* Canada &U.S.A ; *Hobb*: Reading, travelling, photography and writing; *Add*: Dept. of App. Physics, Univ, College of Techy., Cal. Univ., Calcutta-9.

BASU, (Dr.) Sankar Lal—Prof. of Zoology, J.L. Nehru Institute of Medical Education & Research, Pondicherry since 1966 ; *b* 29 October 1929 at Muragachha, W. Bengal ; *Edn :* M.Sc. (Zoology) in 1951, D. Phil. (Zoology) in 1956 from Univ. College of Science & Technology, Calcutta ; *Resch Exp* : Since 1950 ; *Exp* : Raja Peary Mohan College, Uttarpara, 1952-59 ; Bangabasi College, Calcutta, 1960-65 ; *Mem :* American Society of Zoologists, Zoological Society, Indian Science Congress, European Society for Comparative Endocrinology, Clinical Society of JIPMER ; *Knows* : English, Hindi, German & Tamil ; *Visited* : U.S.A., Holland, Tokyo, France, Germany and England : *Add* : Dept. of Zoology, J.L. N. Institute of Medical Education & Research, Pondicherry.

BASU, (Dr.) Uma Prasanna—Director, Bengal Immunity Research Institute, Calcutta-17 since 1948 ; *b* January 1904, at Lakshmankaty-Barisal ; *Edn* : M.Sc. (Chem) in 1926, D.Sc. (Chem) in 1933 ; *Resch Exp* : Worked in the field of Synthetic Organic Chemistry, Pharmaceutical and Industrial Chemistry ; *Pub* : More than 200 original investigations published in journals of India and abroad and about 110 review articles ; *Honours* : Recepient of 4 Gold Medals from Calcutta Univ. and two other medals from Asiatic Society and Calcutta Medical Club ; *Exp* : Associated with drug industry (Bengal Immunity) and has given extension and special lectures in the Bombay, Agra & Banaras Universities, Kharagpur Institute, H.K. Sen Memorial Lecture ; Capt. N.N. Dutta Memorial Lecture and some others ; *Mem* : Fellow of the National Institute of Sciences of India ; Associated with Asiatic Society, Indian Science Congress, Indian Chemical Society, Indian Pharmaceutical Association, Institution of Chemists, Institute of Chemical Engineers ; Past General Secretary of the Indian Science Congress ; President of the Indian Pharmaceutical Association, Past President of the Institution of Chemists and Science Club, Calcutta ; was associated with many Statutory Committees of the Ministry of Health, Education & Industry of the Govt. of India ; Member of the C.S.I.R. Committee , Member of the Council of the Indian Statistical Institute ; *Genl* : Entrusted with research schemes by the Govt. of India ; *Knows* : Hindi , English & Bengali ; *Visited* ; Several Universities and Industries in U.K., France, West & East Germany, USSR, Switzerland and Italy as member of the Govt. delegation ; *Hobb* : Writing ; *Add* : Bengal Immunity Research Institute, Calcutta-17.

BASU MALLIK, (Dr.) Monish Kumar—Prof. and Head, Dept. of Obst. & Gynae., College of Medical Sciences, BHU, Varanasi since November 1964 ; *b* 3 August 1925 at Vill. Chengail in Dist. Howrah ; *Edn* : MBBS in 1947 from Univ. of Calcutta ; Ph.D. in 1959 from Univ. of London ; D. Obst. RCOG in 1958 and M.R.C.O.G. in 1961 from Royal College of Obstetricians & Gynaecologists, London ; F.I.C.S. in 1962 and F.A.C.S. in 1966 from International College of Surgeons, U.K. ; *Resch Exp* : For over 16 years ; *Pub* : Over 25 research articles published in medical journals of India and abroad ; *Exp* : Medical College, Calcutta; Institute of Obstetrics & Gynaecology, London ; *Mem* : President, Varanasi Obstetrical & Gynaecological Society ; Fellow, American College of Surgeons, International College of Surgeons ; Member, Academic Council, BHU ; Member, Royal Colleges of Obstetricians & Gynaecologists, London ; *Knows* : Bengali & English ; *Visited* : U.K. ; *Hobb* : Motoring, photography, music and travel etc.; *Add* : College of Medical Sciences, BHU, Varanasi.

BAWA, (Dr.) Y.S. —Prof. of Clinical Medicine, Medical College, Amritsar since 1962 ; *b* 26 May 1912 at Vairowal, Dist. Amritsar ; *Edn* : M.D. in 1952 from Medical College, Amritsar ; *Resch Exp* : In the field of Bronchography in Long Suppurations; *Exp:* Medical College, Amritsar 1952-58, and again from 1962 ; Medical College, Patiala, 1958-62 ; Served as Lt. Col. in the Indian National Army; *Mem*: Fellow, College of Chest Physicians of America, Association of Physicians of India, Indian Medical Association, British Medical Association ; *Knows* : English, Urdu & Hindi ; *Visited* : U.S.A. & U.K. as Senior Research Fellow and Visiting Professor ; *Hobb* : Gardening, golf ; *Add* : 34, The Mall, Amritsar.

BEGUM (Smt.) S. Zohra—Principal, College of Education, Osmania Univ., Hyderabad since 1956; *b* 12 October 1912 at Hyderabad; *Edn*: M.A. (Literature) in 1954 from M.U. Aligarh; B.Ed. in 1958 from Unv. of Leeds, U.K.; *Resch Exp*: Guiding M.Ed. students' theses on various problems of education for the past 20 years; *Mem*: Dean, Faculty of Education; Hon. Director, Extension Services Dept.; Chairman, Board of Studies; Chairman, Faculty of Education of the Osmania Univ.; Chairman Research Society, Hyderabad; Member, Board of Studies in Education of Andhra, Venkateshwara and Annamalai Universities; *Knows*: Urdu and English; *Visited*: Univ. of Leeds, U.K. for higher studies: *Hobb*: Conducting Workshops and Seminars on various educational problems and methods of teaching; *Add*: College of Education, Osmania Univ., Hyderabad-7.

BEHARA, Sri Labanya—Principal, R.C.M. Science College, Khallikote, Dist. Ganjam

since September 1967; *b* 2 July 1933 at Berhampur in Dist. Ganjam; *Edn*: M.Sc. (Physics) in 1957 from Ravenshaw College, Cuttack; *Resch Exp*: For one year at Ionosphere Research Laboratory, Waltair; *Exp*: Lecturer, Khallikote College, Berhampur; *Mem*: Senate, Academic Council, Faculty of Science & Board of Studies of Berhampur Univ.; *Knows*: English, Oriya, Bengali and Telugu; *Add*: C/o Shri Naryan Beara, Merchant, Sankarpur St., Berhampur.

BEHURA, (Dr.) Basanta Kumar—Prof. & Head, P.G. Dept. of Zoology, Utkal Univ. Ravenshaw College, Cuttack-3 since 1961; *b* 20 February 1922 at Bilipada in Dist. Cuttack; *Edn*: M.Sc. (Zoology) in 1948 from Calcutta Univ, Ph.D. in 1949 from Edinburgh Univ, U.K.; *Pub*: Several books in Oriya like 'Odisara Benga' (Winner of National Award in Children's literature in 1966), 'Odisara Sapa', 'Bigyanika Part I', 'Sarala Bigyana Prabesha' (Part I); *Exp*: Lecturer in Zoology, 1947-57, Reader, 1957-61, Ravenshaw College, Cuttack; *Mem*: Secy Genl. Zoological Society of India; President, Zoological Society of Orissa; Treasurer Academy of Biological Sciences, Cuttack; Founder Member, The Zoological Society, Calcutta; Fellow, Royal Entomological Society of London; Fellow, Zoological Society of India; Fellow, Entomological Society of India; Fellow, Academy of Zoology, Agra; Member, Advisory Council for Museum, Archaeology and Archives, Orissa; Member, Advisory Board, Oriya Encyclopaedia, Utkal Univ; *Genl*: Editor, Prakruti, Utkal Univ. Journal of Science; a prolific writer in Oriya; attended International Congress of Zoology, Paris in 1948 as delegate of the Zoological Society, Calcutta; *Knows*: Oriya, Bengali, English and Hindi; *Visited*: U.K., France, Switzerland, Netherland, Belgium, Luxemburg & Eire for study and research; *Hobb*: Stamp collection and photography; *Add*: Vill. Sudhakanthi, P.O. Nuagan, Dist. Cuttack.

'BEKAL', Tarachand Pal—Divisonal Acctt., P.W.D., Lucknow since 1961, Poet; *b* 24 August 1928 at Jwalapur in Dist. Saharanpur; *Pub*: Books on poetry in Hindi, like 'Rashtra Kavi ka mahaprayan', 'Jai Jai Hindustan', 'Yeh Ghati Kashmir ki', 'Shantidoot Ka Mahaprayan aur Wasiyat', 'Nikhre Muktak Bikhre Geet'; joined Govt. service in 1946; *Mem*: Founder and Secretary, Sangam Turra, Mirzapur; Secy. Sahitya Sangam, Dehradun; Convenor Rashmi Parishad, Jwalapur; Former President, Rihand Entertainment Club; Secy. Bhartiya Sahitya Sangam, Jhansi; Member, Sahitya Bharti, Jhansi; *Knows*: Hindi, Urdu, Sanskrit and English; *Hobb*: Art, drawing and skating; *Add*: Chowdhury Kalu Ram Bhawan, Jwalapur, Dist. Saharanpur.

BELLAD, Chandrasekhar—Principal, P.C. Jabin Science College, Hubli since June 1967; *b* 6 May 1926 at Sagar in Dist. Shimoga; *Edn*: M.Sc. (Maths) in 1950 from Central College, Mysore; *Honours*: Stood first class first in M.Sc. and was awarded Sri Narayan Iyengar Memorial Prize; *Exp*: Univ. of Mysore, 1948-49; Basappa Intermediate College, Bangalore, 1949-50; B.M.S. Engineering College, Bangalore, 1950-53; Lingaraj College, Belgaum, 1953-58; R.L.Sc. Institute, Belgaum, 1958-67; *Genl*: Youth leader, Kabbadi Coach and organised several Open Table Tennis tournaments; *Knows*: English and Kannada; *Hobb*: Reading, sightseeing; *Sports*: Mysore Univ. blue in Football; *Add*: P.C. Jabin Science College, Hubli.

BELSARE, (Dr.) Devidas Kisanrao—Lecturer, Dept. of Zoology, Nagpur Univ., Nagpur since 1964; *b* 26 March 1933 at Talegaon Thakur in Dist. Amravati; *Edn*: M.Sc. (Zoology) in 1958 from Univ. of Saugar; Ph.D. (Endocrinology) in 1963 from Vikram Univ.; *Resch Exp*: For ten years; *Pub*: About 30 research articles in different scientific journals; *Exp*: School of Studies in Zoology, Vikram Univ. 1961-64; *Mem*: Zoological Society of India, Marine Biological Association of India, Indian Science Congress Association, Expert for F.A.O. on Fish Diseases; *Knows*: English, Hindi, Marathi and French; *Hobb*: Reading, music, social service; *Add*: Dept. of Zoology, Nagpur Univ., Nagpur.

BENAWRI, (Dr.) Narain Prasad—Prof. and Head, Dept of Physiology, & Dean, Medical College and Associated Hospitals, Jabalpur since 1963; *b* 5 July 1917 at Mathura, U.P.; *Edn*: M.D. (Physiology) in 1947 from Lucknow University, *Resch Exp*: Conducted two enquiries under the I.C.M.R.; *Pub*: About 25 research papers published in scientific journals; *Honours*: Merit Scholarship holder throughout M.B.B.S.; awarded numerous certificates of Honours, Prizes, Gold and Silver Medals at various examinations; *Exp*: Lecturer, K.G. Medical College, Lucknow, 1940-43; Asstt. Prof., B.R. Medical College, Lahore, 1943-47; Asstt. Prof. S.M.S. Medical College, Jaipur 1947; Prof. and Head of Dept., Darbhanga Medical College, Patna Univ., 1947-50; Prof. and Head, G.R. Medical College, Gwalior, Agra and Vikram Univ. 1960-63; *Mem:* Indian Association for Advancement of Medical Education, Association of Physiologists and Pharmacologists of India, Indian Science Congress Association, Fellow of the Indian Academy of Medical Sciences; member of Speciality Board in Physiology by I.A.M.S. for the membership examination; President, Indian Science Congress, in the section of Physiology, 1958-59; Referee from India to nominate for Noble Prize in Medicine and Physiology for 1957; member of several bodies in many Indian Universities; *Knows*: English, Hindi, Urdu and Persian; *Hobb*: Photography and music; *Add*: Dept. of Physiology, Medical College, Jabalpur.

BENNUR, Channabasappa Sakrappa—Principal, Univ. College of Education, Karnatak Univ., Dharwar since October 1964; *b* 1 June 1915 at Hubli in Dist. Dharwar; *Edn*: M.Ed. in 1945 from Univ. of Bombay; *Resch Exp*: 15 years; *Pub*: Books on 'Teaching of History', 'Teaching of Geography', 'Promotion of Cultural Understanding' besides several articles on educational subjects published; *Exp*: Govt. High Schools for 7 years; Inspector of Education for 3 years; Prof. of Education 13 years; *Mem*: Board of Studies, Univ. of Mysore, Mysore; Chairman, Board of Studies in Education, Karnatak Univ.; Member, Mysore Secondary Education Examination Board; *Knows;* Kannada and English; *Hobb*: Reading and writing; *Add*: Univ. College of Education, Dharwar.

BEOHAR, Durga Charan—Prof., Botany Dept, J.N.K. Vishwa Vidyalaya, College o Agriculture, Sehore since 1965; *b* 15 June 1927 at Patan in Dist. Jabalpur; *Edn*: M.Sc. (Agrl. Botany) in 1951 from Univ. of Allahabad; Vigyan Ratna (Krishi) Part I in 1951; Short Training in Plant Breeding in 1958 from IARI, New Delhi; *Resch Exp:* Since 1956 guiding M.Sc. (Agri) students; *Pub*: Two books on 'Sugar Cane cultivation', & 'Vegetable Cultivation' besides several articles on cotton published; *Exp*: Research Asstt., Cotton Breeding, Sehore, M.P. 1952-56; Lecturer in Botany, College of Agriculture, Sehore and Jabalpur, 1956 64; Senior Lecturer in Botany, College of Agriculture, Sehore and Gwalior, 1964-65; *Mem:* Board of Studies for Botany, Jabalpur Univ; Member, Faculty, J.N.K. Vishvavidyalaya; President, Technical Employers Association; J.N.K. Univ. Branch; Member, Examination Cttee, Campus Examinations; College Council, J.N.K. Vishvavidyalaya; *Knows* : Hindi and English; *Hobb*: Writing and photography ; *Add*: Dept. of Botany, College of Agriculture, Sehore.

BERI, (Dr.) M.L.—Officer Incharge, Coal Survey Laboratory, Jammu Tawi (J&K) since June 1961; *b* 18 September 1908 at Sitaur in Dist. Hoshiarpur; *Edn:* M.Sc. (Chem) in 1934 from F.C. College, Lahore; Ph.D. (Saponin and Its Allied Products from Indigenous sources) in 1947; *Resch Exp:* For past over 30 years; *Pub:* Six articles; *Exp:* Demonstrator, D A.V. College, Jullundur 1931-33; worked as Research Asstt., Tanining Chemist, Asstt. Industrial Chemist, Asstt. Supdt. of Industries, Pb. Govt. from 1935 to 1951; Junior Scientific Officer, C.F.R.I , Dhanbad, 1952-61; *Knows*: Hindi, Urdu, Sanskrit & English; *Hobb*: Badminton, reading etc; *Add*: C/o M/s Palta General Stores, Bazar Kalan, Jullundur City.

BETAI, (Dr.) Rameshchandra Sunderji—Dept. of Sanskrit, Gujrat Vidyapeeth, Ahmedabad since June 1967; *b* 5 February 1926 at Cutch-Mandavi, Gujarat; *Edn*: M.A. (Sanskrit) in 1950 from Bhartiya Vidya Bhavan, Bombay; Ph.D. (Sanskrit) in 1956 from Samaldas College, Bhavnagar; M.A. (Hindi) in 1958 from Bahauddin College, Junagadh; *Resch Exp:* Guiding Ph.D. students for past 6 years; *Pub*: Books on 'Buddhacaritam', 'Kiratarjuniyam', 'Shakuntalam', 'Meghadut', 'Vikramorvashiyam', 'Uttararamacaritam', 'Kavyaprakasha, 2 Vols', 'A Critical History of Sanskrit Literature, 2 Parts', 'Interpretation of the Manusmrti' besides 35 research papers; *Exp:* Bahauddin College, Junagadh, 8 years; Dharmendra College, Rajkot, 1 year; N.N. College, Visnagar, 3 years; S.P. Arts College, Dwarka, 5 years; *Mem:* Sahitya Parishad; *Knows*: English, Gujrati, Hindi, Sanskrit, Bengali and Marathi; *Add:* Dept. of Sanskrit, Gujarat Vidyapeeth, Ahmedabad.

BETAL, Himanshu Ranjan—Lecturer, Dept. of Geography, Cal. Univ., Calcutta-9; *b* 20 December 1939 at Midnapore, W. Bengal; *Edn:* M.Sc. (Geog) in 1963 from Univ. of Cal. with first class first, Univ. Gold Medal and Prize; *Resch Exp:* Conducted Land Use Survey of Bally and Uttarpara municipalities; worked on the Techniques of Mapping and in the planning atlas scheme of the Damodar Valley Diagnostic Survey, Calcutta; *Pub*: Seven papers published in 'Observer'; *Exp*: Damodar Valley Diagnostic Survey, Calcutta 1964-65; *Mem*: Geographical Society of India; *Genl*: Interested in agricultural problems and food production with special reference to the Deltaic regions of W. Bengal; *Knows*: English, Bengali, Hindi and Sanskrit; *Hobb:* games; *Add:* Dept. of Geography, Sivanath Sas ri College, Calcutta.

BHADURI, (Dr.) Debdas—Scientist-in-Charge, Heat Power Laboratory, C.M.E.R.I , Durgapur since 1964; *b* 27 January 1934 at Kishoreganj, Mymensingh; *Edn*: B.E. (Mech) in 1956 from Bengal Engg. College, Sibpur; Ph.D. in 1963 from Moscow Power Institute, U.S.S.R.; *Resch Exp*: For over 14 years in the field of combustion and 'design and development of power generation equipments ; *Pub:* About 10 research papers; *Exp*: Chittaranjan Locomotive Works; Bhilai Steel Plant; Bokaro Thermal Power Station; *Mem*: Combustion Institute (International), Pittsburg; U.S.A.; *Knows*. Bengali, English & Russian; *Visited*: Moscow Power Institute, U.S.S.R. for P.G. Studies; *Hobb*: Music & literature; *Add*: Heat Power Laboratory, C.M.E.R.I., Durgapur.

BHADURY, (Dr.) Jagadindra Nath—Acting Head, Dept. of Physiology, BHU, Varanasi since September 1967; *b* 1 January 1931; *Edn:* D. Phil. (Physiology) in 1959 from Calcutta Univ., M.D. (Physiology) in 1966 from Bihar Univ.; *Resch Exp*: Did work on Physiology, Energy Metabolism etc.; *Pub:* Four articles published dealing with various aspects of muscular exercises in different persons; *Exp*: Demonstrator, National Medical College, Calcutta, 2 years; Lecturer, Medical College, Kakinada, 1 year; Asstt. Research Officer, Calcutta & Rajasthan, 2 years; Reader in Physiology, BHU, 5 years; *Mem*: Association of Physiologists and Pharmacologists of India, Nutrition Society of India, Indian Science Congress; *Knows*: Hindi, English & Bengali; *Add*: Dept. of Physiology, BHU, Varanasi.

BHAGAT SINGH (Dr.)—Principal, Mahendra College, Patiala since June 1967; *b* 3 January 1924 at Vill. Moranwala in Dist. Sangrur; *Edn:* M.A. in 1945, LL.B. from Lucknow Univ., Ph. D. (Agri, Economics) in 1955 from Cornell Univ., USA; *Resch Exp:* For 2 years; *Exp*: Head, P.G. Dept. of Economics, Mahendra College, Patiala, 1958-63; Principal, Govt. College, Narnaul, 1963-67; total teaching experience of 20 years; *Knows*: English, Panjabi, Urdu & Persian; *Visited:* USA; *Add:* Vill. Moranwali, P.O. Lassoi, Tehsil Malerkotla.

BHAGAVADACHARYA, Parivrajakacharya Swamishri—Sanaysi, Rajnagar Society, Ahmedabad-8; *b* Labh Panchmi 1880 Samwat in Punjab; *Edn:* Panditraj & Saraswat Sarvabhauma from Kashi Pandit Sabha, Varanasi; *Pub:* 'Yajurveda Bhashya', 'Samaveda Bhashya', 'Ten Upanished Bhashya' 'Ramanand Digvijay', 'Bharat Parijat', 'Parijatapahara', 'Parijata Saurabha', 'Bhagvadgita Bhashya', 'Vedantdarshan', besides numerous books in Hindi and Gujarati language; *Exp*: Taught Hindi, Sanskrit, Magadhi, English, Urdu and Marathi for several years to all types of students at home; *Knows:* Sanskrit, Pali, Magadhi, Urdu, Persian, Bengali, Marathi, Gujarati & English; *Visited*: Several countries in East Africa ; *Add:* Rajnagar Society, Ahmedabad-8.

BHAGWAN DAS—Principal, D.A.V. College, Ambala City; *b* 7 February 1917 at Kotha in Dist. Shiekhupura, W. Pakistan; *Edn:* M.A. (Maths) in 1938 from Govt. College, Lahore; *Pub*: Books on lives of 'Mahatma Hansraj', 'Lala Lajpat Rai', 'Rishi Dayanand', 'Dyanmics for B.A.' 'Algebra', 'Trignometry' & 'Solid Geometry' for Inter' etc.; *Honours*: First class first in Univ. in M.A.; *Exp:* Prof. of Maths. in D.A.V. Colleges at Lahore, Ambala City, Chadigarh. Sholapur and Hans Raj College, Delhi; Principal since 1953 & worked as such in three Colleges; *Genl:* contributed several articles in Dailies and other periodicals; *Knows:* English, Hindi, Urdu, Panjabi & Marathi; *Add:* D.A.V. College, Ambala City.

BHAGWANT SINGH, (Dr.)—Asstt. Director, Central Mining Research Station, Dhanbad since 1963; *b* 10 July 1931 at Jaunpur, U.P.; *Edn*: M.Sc. (Geology) in 1951 from BHU, B. Engg. (Hons) in 1955 from Sheffield Univ. (U.K.), Ph. D. in 1959 from Durham Univ. (U.K.), M. Engg. (Fuel Technology) in 1961 from Sheffield Univ. (U K.), First Class Colliery Manager's Certificate from Ministry of Power, U·K , in 1961; *Resch Exp:* For over 10 years; *Pub:* More than 100 papers in scientific journals of India and U..K; *Honours*: Awarded by the Invention Promotion Board, Govt. of India in 1967 for inventing two devices; has over 20 patents for devices invented by him; *Exp*: Indian Colliery, Raniganj, 1951; British Mines in U.K., 1951-56; Scientific Officer in the Safety in Mines Research Establishment, U.K., 1959-61; on deputation to German Mine Establishments 1961; Colliery Manager, Bengal Coal Co. Ltd, and later as Research Officer 1961-62; *Mem:* Fellow of the Geological Society of London; Associate Member of the Institute of Mining Engineers (London), Member Mining. Geological & Metallurgical Institute of India; Member of the Indian Mine Managers Association; Member, National Association of Colliery Managers; *Knows*: English & Hindi; *Visited*: U.K., W. Germany, Belgium, Holland, France etc.; *Hobb*: Badminton, photography; *Add*: Vill. Kurethu, P.O. Gaura Badshahpur, Jaunpur, U.P.

BHAGWATI PRASAD—Asst. Prof., Division of Agri. Economics & Cooperation, U.P. Agrl. Univ., Pantnagar since July 1964; *b* 31 January 1930 at Jaunpur, U.P.; *Edn*: M. Sc. (Agri) in 1960 from BHU, Varanasi; *Resch Exp*: For 14 years; *Pub:* Co-author of 'Types and Systems of Farming in India', three papers published; *Exp:* Dayanand P.G. College, Ajmer; *Knows*: Hindi, Urdu & English; *Hobb*: Composing poems, writing stories in Hindi & Urdu; *Add*: Divn. of Agri. Econ. & Cooperation, U.P. Agrl. Univ., Pantnagar. U.P.

BHAGWATWAR, Prabhakar Anandrao—Asstt. Prof. of Psychology, S.P. College, Poona-9; *b* 28 January 1934 at Nagpur; *Edn:* M.A. (Exp. Psy) in 1958 from Poona Univ.; *Resch Exp:* Working for Ph. D. in 'Rural Psychlogy'; *Pub*: Three research articles; *Exp:* S.B. City College, Nagpur 1959-60; Joined S.P. College, Poona in 1960 as Lecturer; *Mem:* Life Member, Indian Science Congress Association; *Knows*: English, Hindi, Marathi & Sanskrit; *Hobb:* Reading; *Add*: S.P. College, Poona-9.

BHAI, Yogendrajeet—Vice Principal, Jia Lal Institute of Education, Ajmer since 1963 ; *b* 9 April 1921 at Panderkore in Dist. Yeotmal ; *Edn :* M.A. (Hindi) in 1955 from Panjab Univ. ; M.Ed. in 1958 from V.B. Teachers' College, Udaipur ; *Resch Exp:* Doing research work on Education as depicted in Atharva Veda ; *Pub*: Books on 'Hindi Bhasha ka Shikshan' , 'Bhartiya Shiksha ka vikas aur Samasyaen' , Buniadi Shiksha' , 'Bal Manovigyan' , 'Shaikshik evam Vidyalaya Prakashan' , 'Vikasatmak Manovigyan' , 'Kaksha Adhyan' and 'Shiksha Sidhant ke Rup Rekha' ; *Honours* : Awarded the First Prize by the Vishva Bharti on his essay 'Economic Thoughts of Rabindra Nath Tagore',

in 1966 ; *Exp* : A.S.D. Basic Teachers' Training Institute, Narnaul, 4½ years.; R.E.I. College of Education, Dayalbagh, Agra, 5 years ; *Mem* : Faculty of Education, Univ. of Rajasthan ; President,Munnalal Nagri Pracharni Sabha, Ajmer; *Knows*: Hindi, Urdu, English, Panjabi, Marathi & Gujrati ; *Hobb* : Study of Vedic and Upnashidic literature; *Add* : C/o late Shri B.D. Bakhshy, Retd. Asstt. Postmaster General, Modi Nagar, Dist. Meerut.

BHALERAO, (Dr) Chandrasen N.—Head, Dept. of Pol. Sc. , Univ. of Gorakhpur since October 1967 ; *b* 10 September 1929 at Nagpur ; *Edn* : M.A. (Pol.Sc.) in 1951 from Univ. of Nagpur ; Ph.D. (Pol.Sc.) in 1963 from Univ. of Baroda ; *Resch Exp*: For past 10 years ; conducted studies on Panchayat Raj in the States of Rajasthan and Andhra Pradesh under the auspices of All India Panchayat Parishad ; *Pub* : Books on 'Service Commissions of India-A Study' besides ten papers on different political aspects and civil administration ; *Honours* : Awarded Robertson Gold Medal and Sir Arthur Blennerhassett Memorial Silver Medal in B.A. ; awarded King Edward Memorial Scholarship in M.A. ; *Exp*: Lecturer, Univ. of Baroda, 10 years ; Dy. Director, All India Panchayat Parishad, New Delhi, 2 years ; Senior Research Fellow, Institute of Constitutional & Parliamentary Studies, New Delhi, 1 year ; *Mem* : Secy., Hislop College Political Science Association, Nagpur ; Vice-President, P.G. Pol. Sc. Association, Nagpur ; Chairman, Badminton Associations , Univ. of Baroda; Secy. , Faculty of Arts Teachers Association, Baroda ; Member, Board, of Studies, Univ. of Baroda ; Member, Indian Institute of Public Administration ; *Genl* : The Administrative Reforms Commission has examined his book 'Public Service Commissions of India : A Study' and the 'Estimates Cttee of Union Parliament of India' ; currently engaged on 'Administration, Politics and Development in India' ; *Knows* : Marathi, Hindi & Gujrati ; *Hobb* : Games, gardening and travel ; *Add* : Dept. of Pol. Sc., Univ. of Gorakhpur, Gorakhpur.

BHAN, (Dr) Radha Krishna—Principal, Hastinapur College, Motibagh, New Delhi since 1964 ; *b* 20 April 1904 at Srinagar ; *Edn* : M.A. (Econ) in 1924 from Panjab Univ. ; Ph.D. (Econ) in 1940 from Univ. of London ;*Resch Exp* : For past over 25 years ; guiding research students ; *Pub* : Sveral books on economics ; numerous contributions on Economic and Educational problems published in various journals ; *Exp* : Prof. of Economics, S.P. College, Srinagar ; Chief Instructor (EDN) J & K Army, 1940-43 and Director, Statisitics & Economic Intelligence 1943-45 ; Principal, Amar Singh Degree College, Srinagar 1945-48 ; Under Secy. , Ministry of Finance, Govt. of India, 1948-52 ; Dy. Educational Advisor, Ministry of Education, to 1952-59; Consultant U.N. Economic Commission for Asia & Far East 1953 ; Advisor (Education) to Ministry of Community Development & Co-operation ; Registrar, I.I.T. , Bombay ; Head, Research Dept. , Economic Times, 1959-61 ; Principal, W.A.F.M. Shivaji College, 1961-64 ; *Mem* : Indian Council for World Affairs, Indian International Centre ; Sr. Vice President, All India Federation of Educational Associations ; Chairman, All India Association of Univ. & College Teachers ; Chairman, the National Educational Forum ; *Knows* : English, Urdu, Hindi, Sanskrit & Persian ; *Visited* : U.K. , France, Switzerland, Germany, other European countries, Bangkok & Philippines ; *Hobb* : Indoor and outdoor games ; *Add* : Hastinapur College, Motibagh, New Delhi.

BHAN, (Dr) Vishnu Mohan—Asstt. Prof. of Agronomy and Incharge, Weed Research Laboratory, U.P. Agrl. Univ., Pantnagar since July 1966 ; *b* 13 December 1938 at Gwalior ; *Edn:* M. Sc. (Agri) in 1960 from Agra Univ. , Ph D. (Agronomy) in 1965 and Post-Doctoral research work in 1966 from I.I.T., Kharagpur; *Resch Exp* : For past 8 years ; *Pub* : Over 20 research articles published in journals of India and abroad ; *Exp* : B.N.V. Degree College, Rath, 1960 ; I.I.T., Kharagpur, 1961-62 ; *Mem :* Indian Society of Agronomy (New Delhi), Agricultural Society of India ; *Knows* : Hindi & English ; *Hobb* : Literature reading ; *Add :* Jiwaji Gunj, Lashkar, Gwalior.

BHAND, (Dr) Sharad Chandra Chintaman—Lecturer, School of Studies in Physics, Vikram Univ. , Ujjain since 1959 ; *b* 20 December 1936 at Garoth in Dist. Mandsaur ; *Edn* : M. Sc. (Physics) in 1958 from Maharaja's College, Jaipur; Ph.D. (Physics) in 1965 from Vikram Univ. ; *Resch Exp* : For past 6 years in the field of Heat-Transfer and guiding research scholars ; *Pub* : Several papers contributed to Science Congress, besides many published in Indian and foreign journals ; *Exp* : Govt. College, Bikaner 1958-59 ; *Genl* : Genl. Secy. of Shri Lokmanya Tilak Shikshan Samiti, running a few educational institutions ; *Knows* : German, English, Hindi & Marathi ; *Hobb*: Teaching and social work ; *Add* : Dept. of Physics, Vikram Univ, Ujjain.

BHANDARI, (Dr) Kanwar Chand—Principal, Govt. Degree College, Rajgarh, M.P. since 1962; *b* 12 December 1924 at Jodhpur ; *Edn* : M.Com. in 1938, LL.B. in 1938, Ph.D. (Nationalisation of Industries in India) in 1961 from Lucknow Univ. ; *Resch Exp* : For 9 years ; *Pub*: 'Nationalisation of Industries in India', 'Bharat men Parthik Niyojan' ; *Exp:* Asstt. Prof., Holkar College, Indore, 1949-51 ; Reader , M.L.B. College, Gwalior, 1951-53 ; Prof. , Madhav College, Ujjain, 1953-56 ; Prof. , M.L.B. College, Gwalior, 1956-61 ; Principal, Govt. Degree College, Shajapur, 1961-62 ; *Mem* : Academic Council, Chairman Board of Studies in Commerce, Vikram Univ. ; *Knows:* English & Hindi ; *Hobb:* Gardening ; *Add*: Mahavir Chowk, Jodhpur.

BHANDARI, (Dr) M.R.—Lecturer in Chemistry, Govt. College, Ajmer since 1964 ; *b* 11 June 1931 at Jodhpur, Rajasthan; *Edn:* M. Sc. (Org Chem) in 1952 from Birla Science College, Pilani; Ph. D. (Study of a few Thio. compounds as an analytical reagents) in 1965 from Rajasthan Univ.; *Resch Exp:* For 8 years; *Pub:* A text Book of 'Inorganic Chemistry' and about 10 papers published; *Honours:* Awarded scholarship twice from U.G.C. for different projects; *Exp:* Chirawa College, Chirawa, 1952-54; Maharaja's College, Jaipur, 1954-62; M.B. College, Udaipur, 1962-64, *Mem:* Fellow of Indian Chemical Society, Indian Science Congress; *Knows:* English & Hindi; *Hobb:* Writing and guiding; *Add* : Dept. of Chemistry, Govt. College, Ajmer.

BHANDARI, (Dr) Shree Krishna Raj—Prof. & Dean, Faculty of Commerce, BHU, Varanasi since July 1960; *b* 1 October 1924 at Jodhpur; *Edn*: M.Com. in 1946, with first class first and winning Gold Medal, LL.B. in 1946, Ph. D. in 1954 from Lucknow Univ; M.B.A. in Business Admn., Harvard Univ, USA, 1954-55 and again in 1964-65; *Resch Exp:* Guiding several research scholars; *Pub*: Two Books on 'Essays in Accountancy', & 'Industrial Development of Jodhpur State' besides several articles published in various journals; *Exp:* Jaswant College, Jodhpur; Maharaja's College, Jaipur; Delhi School of Economics Delhi; *Mem*: Executive Cttee, Indian Economic Association; Indian Labour Economics Association; Institute of Public Enterprises; American Accounting Association; *Genl*: Has been responsible for organising the department into a Faculty and bringing in several innovations in courses, research and teaching methods; lectured at Allahabad, Gwalior and Jodhpur universities; *Knows:* Hindi & English; *Visited:* USA, Nepal and many other countries; *Hobb:* Reading; *Add:* C/o Prag Rajji Bhandari, 6, Ralla Ram Bldg., Jodhpur.

BHANOT, (Dr) Saran Dass—Reader in Hindi, Punjab Univ., Chandigarh since 1962; *b* 4 January 1907 at Kartarpur in Dist. Jullundur; *Edn:* M.A. (Sanskrit) in 1930, Ph. D. (Hindi) in 1951 from Punjab Univ; *Resch Exp:* Guiding research for past 10 years; *Pub:* A large number of research articles published; read several papers at conferences; *Honours:* Throughout college career a scholarship holder; *Exp:* Forman Christian College, Lahore; Oriental College, Lahore; Hans Raj College, New Delhi; *Knows:* English, Sanskrit, Hindi & Urdu; *Hobb:* Touring and reading; *Add:* Dept. of Hindi, Panjab Univ., Chandigarh.

BHAR, (Dr.) Baidya Nath—Dept. of Physics, St. Anthony's College, Shillong since November 1965; *b* 23 September 1922 at Chandernagore in Dist. Hooghly; *Edn*: M.Sc. (Pure Physics) in 1945 from Calcutta Univ.; Ph. D. in 1957, D. Sc. in 1957 from Univ. of Uppsala, Sweden; *Resch Exp:* In the field of 'Nuclear Magnetic Resonance' at various universities in Europe; *Pub:* Several research papers published in journals of Europe and America; *Exp:* Wireless Lab., Univ. College of Science, Calcutta, 1946-53; Institute of Radio Physics & Electronics, Calcutta 1954-57; Nobel Institute of Physics, Sweden, 1954-57; Al. Hikma Univ. of Baghdad, 1957-58; Univ. of Baghdad, Iraq,1958-63;Karl Marx Univ., Leipzig, 1963-64; Univ. of Pavia, Italy, 1964-65; *Mem:* Indian Science Congress; Secy. Shillong Centre of World Union International Centre; Member, Municipal Cttee of Chandernagore in 1951; *Genl:*Press representative while at Chandernagore during liberation movement; *Knows:* English, French and other Indian languages; *Visited;* Sweden 1954-57, Italy 1957, Iraq 1957-58 and 1958-63, E. Germany 1963-64, Italy 1964-65 for study and teaching; *Add*: Dr. B.N. Bhar, Chandernagore.

BHARADWAJ, (Dr.) Dinesh Chandr—Head, Dept. of Coal Palaeobotany, Birbal Sahni Institute of Palaeobotany, Lucknow-7 since 1955; *b* 13 December 1923 at Biswan in Dist. Sitapur; *Edn:* M. Sc. (Botany) in 1944 from Agra College, Agra; Ph. D. (Botany) in 1952 from Lucknow Univ.; Dr. rer. Nat. (Botany) in 1955 from Bonn Univ., W Germany; *Resch Exp*: For past 23 years; *Pub*: Over 50 papers on Botany, Palaeobotany, Palynomorphology, Palynostratigraphy; *Exp*: Lucknow Univ., Muenster Univ. (W. Germany); *Mem:* Member of Executive in Paleobotanical Society, International Commission on Paleozoic Microfloras; member of International Sub-commission on carboniferous stratigraphy, International Cttee on Palynology; member, editorial board of several journals; *Knows:* Hindi, English & German; *Visited:* W. Germany & France; *Hobb:* Photography; *Add:* Dept. of Coal Palaeobotany, Birbal Sahni Institute of Palaeobotany, Lucknow-7.

BHARADWAJ, Maithili Prasad—Lecturer, Hindi Dept., Punjab Univ., Chandigarh since August 1966; *b* 9 January 1933 at Chamba, Himachal Pradesh; *Edn*: M.A. (Hindi) in 1960, first class first from Panjab Univ.; *Resch Exp*: Completed Ph. D. thesis; *Pub*: Six research papers, over twenty articles and three stories; *Exp*: Himachal Pradesh Educational Dept. (High & Hr. Sec. Schools) 7 years; P.U. Evening College, Rohtak 3 years; P.U. (P.G.) Regional Centre, Rohtak, 4 months; *Knows:* Hindi, Panjabi, Urdu & English; *Hobb:* Hunting, hiking, fishing, touring, and reading; *Add:* Dept. of Hindi, Panjab Univ., Chandigarh.

BHARADWAJ, (Dr.) O.P.—Principal, Govt. College Ludhiana since 1966; *b* 3 June 1919 at Bahadarpur near Hoshiarpur; *Edn;* M.A. (Geog) in 1940 from MU, Ph.D. (Geog) in 1956 from London School of Economics, London; *Resch Exp:* for 22 years guiding research students; *Pub:* Books on 'History of Land Use in the Arid Zone of India & Pakistan', 'Higher Secondary Bhogol', 'Three Southern Continents', 'Punjab', besides several research articles published in leading papers; *Exp:* Started at the Govt College Ludhiana as Prof. of Geography; *Mem:* President, Indian Council of Geographers, 1965, Calcutta; Convenor, Board of Studies in Geography; member of Academic Council, Arts Faculty of Punjab Univ.; Vice President of the Indian Geographical Society (Madras) and National Geographical Society (Banaras); *Genl:* Interested in Arid Zone research; *Knows*: Hindi, Urdu, English & Punjabi; *Visited:* London School of Economics, U.K., for Ph.D ; attended International Conference on Arid Zone Research, Paris & International Seminar on 'Micro-Climotology, Quetta, Pakistan; *Hobb:* gardening reading; *Add*: Govt. College, Ludhiana.

BHARGAVA, (Dr.) G.D.—Head, Dept. of Library Science, Vikram Univ., Ujjain since 1966; *b* 26 January 1928 at Kota; *Edn*: M.A. (Pol. Sc.) in 1949 from Rajasthan Univ.; D.L. Sc. in 1959, Ph.D. in 1967 from Vikram Univ.; *Resch Exp:* Thesis on 'A Study of Political Institutions in Ancient India—from Vedic Age to 650 A.D.'; *Pub:* Books on 'Adhunik Rajnitik Samvidhan (Hindi)', 'Library Classification—Theory & Practice' besides 11 papers published on library science; *Exp*: Govt. College, Kota, 1952-58; Dept., of Library Science, Vikram Univ., since 1959; *Mem*: Indian Library Association, Indian Association of Special Libraries & Information Centres; President, M.P. Library Association; *Knows*: English, Hindi & Sanskrit; *Hobb*: Philately, swimming; *Add*: Head, Dept. of Lib. Science, Vikram Univ., Ujjain.

BHARGAVA, Hari Krishna—Principal, K.K. Jain Degree College, Khatauli since August 1966; *b* 1 January 1929 at Jhansi, U.P.; *Edn*: M. Sc. (Chemistry) in 1949 from Agra College, Agra; *Resch Exp*: Has worked on 'Soils'; *Pub:* A Book of 'Chemistry Practicals' and a paper on 'Soils'; *Exp*: N.R.E.C. College, Khurja, 8 years; Vice Principal, M.S. College, Saharanpur, 9 years; *Mem:* Indian Science Congress Association; Fellow of the Indian Chemical Society; Ex-Member of the Faculty of Sciences, Agra Univ.; *Knows*: English & Hindi; *Hobb*: Scientific reading; *Add:* Sharda Bhawan, 5, Mangalnagar, Berry Bagh, Saharanpur.

BHARGAVA, (Dr.) M. Krishna—Prof. & Head, Dept. of Pathology & Bacteriology, Karnatak Medical College. Hubli since 1966; *b* 17 July 1927 at Bangalore; *Edn*: M.D. (Path & Bact) in 1960 from Andhra Univ.; *Resch Exp*: For over 10 years; *Pub:* Over 15 articles published in medical journals of India; *Exp*: Worked in Medical Colleges at Mysore, Bangalore & Calicut with total experience of over 15 years; *Mem*: Indian Association of Pathologists, Indian Association for Advancement of Medical Education; *Knows*; Kannada, Telugu, English & Tamil; *Hobb*: Medical photography; *Add*: 69, 8th Main Road, Saraswtipuram, Mysore.

BHARGAVA, (Dr) Prithwi Nath—Senior-most Reader in Organic Chemistry, College of Sciences, BHU Varanasi since 1967 ; *b* 2 June 1918 at Varanasi ; *Edn :* M.Sc. (Chem) in 1939, D. Phil. (Chem) in 1944 from Allahabad Univ ; *Resech Exp* ; Guiding research scholars ; *Pub :* Books on 'Modern Organic Chemistry', 'Adhunik Karbanik Rasayan' 'Practical Chemistry', ' Prayogik Rasayan Shastra', ' Madhyamik Krishi Rasayan', 'Chemical Calculations', 'Madhyamik Rasayan Ganit', besides 6 articles and over 65 research papers published in Indian and foreign journals ; *Honours* : Recepient of several merit scholarships ; *Exp :* Allahabad Univ. for 6 months ; Lecturer, BHU, 1945-53 & Reader, 1953-67 ; *Mem :* Fellow of the Indian Chemical Society; Chairman, Debate & Essay Competition Cttee, Science College, BHU; *Knows* : Hindi, Urdu, English & German ; *Hobb :* Stamp collection ; *Add:* Dept. of Organic Chem., College of Sciences, BHU, Varanasi.

BHARGAVA, (Dr.) Purushottam Lal—Head, Dept. of Sanskrit, Univ. of Rajasthan , Jaipur since 1961 ; *b* 29 May 1909 at Alwar, Rajasthan; *Edn :* M.A. (Sanskrit) in 1931 from Lucknow Univ; M.A. (Hindi) in 1941, Ph.D. (India in the Vedic Era) in 1948 from Agra Univ; *Resch Exp :* Guiding research scholars for last 6 years ; *Pub* : Books, on 'Chandragupta Maurya and his Times', 'India In the Vedic Era', 'Prachin Bharat ka Itihas', 'Sanskrit Muktavali' besides several articles published in research journals ; *Exp :* S.D.P. College, Beawar ; Jaswant College, Jodhpur; Maharaja's College, Jaipur; Dungar College, Bikaner ; Rajasthan College, Jaipur; *Mem :* Director, School of Humanities; Convenor, Board of Studies in Sanskrit; Member of Senate, Research Board, Academic Council, Library Committee, Faculty of Arts in Univ. of Rajasthan ; Vice President, Rajasthan Sanskrit Sammelan ; Chairman, of the Oriental Section of the All India Educational Conference held at Ajmer in 1964 ; *Knows :* English, Hindi & Sanskrit; *Visited :* Univ of Michigan to attend the Conference of International Congress of Orientalists; *Hobb :* Reading & writing ; *Add :* S.B. 95, Bapunagar, Jaipur-4.

BHARGAVA, (Dr) R.D.—Prof. of Maths., I.I.T., Kanpur since 1965; *b* 5 July 1924 at Kota, Rajasthan; *Edn*: M.A. (Maths) in 1947, with first class first from Univ. of Delhi; Ph.D. (Maths) in 1959, D.I.C. in 1960 from Univ. of London; *Resch Exp*: Guiding several research scholars for past many years; *Pub*: About 60 research articles published mostly in foreign journals; *Exp*: Teaching for past 21 years; *Mem*: Indian Physical Society; *Knows*: English, Hindi, Urdu & German; *Visited*: Imperial College, and National Physical Laboratory, London, U.K. 1957-59 and 1963; Paris Univ., France, 1958 for study and research; *Add*: Dept. of Maths., I.I.T., Kanpur.

BHARGAVA, (Dr) Rajendra Nath—Prof. & Head, Dept. of Economics, BHU, Varanasi since October 1962; *b* 14 June 1917 at Ajmer in Rajasthan; *Edn*: M.A. (Economics) in 1942 with first class first, D. Litt. (Federal Finance) in 1953 from Univ. of Allahabad; *Resch Exp*: For about 20 years; *Pub*: 'Theory & Working of Union Finance in India', 'Indian Public Finances', 'Public Finance', 'Taxation of Inheritance', 'Price Control and Rationing', 'Adhunik Arthasastra', 'Fundamentals of Economics', 'Arthasastra ke Muladhar', 'Industiral problems of India', 'Essays in Honour of Prof. S.K. Rudra', Contribution on 'Public Finance' in Gazetter of India; *Honours*: Visiting Prof. to Univ. of Colorado, USA; *Exp*: Univ. of Allahabad, Indian School of Public Administration, Univ. of Jabalpur, Univ. of Colorado (USA); *Mem*: Indian Economic Association; *Genl*: Former Controller of Rationing, Ajmer; *Knows*: English & Hindi; *Visited*: London School of Economics, UK for research and social accounting; many countries of Europe; Univ. of Colorado, USA, as Visiting Prof.; *Hobb*: Contract bridge; *Add*: Dept. of Economics, BHU, Varanasi.

BHARGAVA, (Dr) Someshwar Nath—Lecturer, U.P. Agrl. Univ., Pantnagar (U.P.) and currently abroad; *b* 5 April 1938 at Allahabad; *Edn*: M.Sc. (Agr. Bot.) in 1958, D. Phil. in 1962 from Univ. of Allahabad; *Resch Exp*: For over 5 years at Univ. of Allahabad and PL 480 Plan; *Pub*: About 35 research articles published in scientific journals; *Honours*: First class in M.Sc. and with record marks ever since; *Exp*: U.P. Agrl. & Allahabad Univ. 1963; *Mem*: Indian Phytopathological Society, Vigyan Parishad, Indian Botanical Society, The National Academy of Sciences, Indian Science Congress Indian Association for Biological Sciences; *Knows*: English, Hindi, German & French; *Genl*: Now doing post-doctoral work in U.K.; *Visited*: U.K. & Nepal; *Hobb*: Stamp collection, gardening and games; *Add*: U.P. Agrl. Univ., Pantnagar, U.P.

BHARGAVA, Vindeshwari Prasad—Asstt. Prof. of Psychology, Raja Balwant Singh College, Agra since July 1963; *b* 28 March 1928 at Agra; *Edn*: M.A (Phil) in 1951 from St. John's College, Agra; M.A. (Psychology) in 1963 from B.R. College, Agra; *Resch Exp*: Working on Ph.D. thesis 'Level of Aspiration and need for Achievement'; *Pub*: A few research articles; *Exp*: B.R. College, Agra since 1963; *Mem*: Indian Science Congress Association, Madras Psychological Society, U.P. Branch of Indian Psychological Association; Member & Ex-Secy. International Fellowship, Agra; *Knows*: English, Hindi & Urdu; *Hobb*: Reading, movies & photography; *Add*: 2234, Chili-Int Road, Agra.

BHASKARAM, K.—Prof. & Head, Extension Education Institute, College of Agriculture, Rajendranagar, Hyderabad—30 since July 1966; *b* 5 May 1919 at Samalkot in E. Godavari Dist.; *Edn*: M.A. (Extension Education) in 1959 from Kansas State Univ., (U.S.A.); *Resch Exp*: For over 10 years; *Pub*: Five papers on Extension Education and Panchayat Raj etc.; *Exp*: of over 22 years at Osmania Univ. and A.P. Agrl. Univ., Hyderabad; *Mem*: Faculty of Agriculture, Osmania Univ. & A.P. Agrl. Univ.; Executive Member, Indian Society of Extension Education; *Knows*: English, Telugu & Hindi; *Visited*: U.S.A., U.K. France, Italy, Germany, Switzerland & Canada; *Hobb*: Reading and photography; *Add*: Dept. of Extn. Education, College of Agriculture, Rajendranagar, Hyderabad-30.

BHASKARAN (Dr.) Krishnaswamy—Medical Supdt. and Professor-in-Charge, P.G. Training Centre, Hospital for Mental Diseases, Kanke, Ranchi since June 1963; *b* 20 July 1924 at Kollegal, in Karnatak; *Edn*: M.B.B.S. in 1946 from Madras Medical College, Madras; Dip. Psychiatry in 1954 from. Mc-Gill Univ., Montreal, Canada; M.D. in 1960 from Patna Univ.; *Resch Exp*: for 12 years; guiding research students; *Pub*: Over 40 original research articles published in medical journals of India and abroad; *Exp*: Demonstrator in Psychiatry, McGill Univ , Montreal, Canada, 1953-54; clinical and administrative experience in the field of Psychiatry of over 12 years; teaching undergraduate classes for 10 years and post-graduate for 3 years; *Mem:* Corresponding Fellow of the American Psychiatric Association, Corresponding Member of the Royal Medico-Psychological Association (U.K.), Fellow and Member, Executive Council of the Indian Psychiatric Society; Member, Indian Neurological Society, Indian Medical Association, Board of Studies in Mental Health of Bangalore and Ranchi Univ; Member-Secy Mental Health Expert Group of the ICMR, 1963-66; Vice Chairman of the plenary Session on Psycotherapy at the Third World Congress of Psychiatry held in Montreal, Canada, 1961; Represented India at W.H.O. South East Asia Regional Conference, 1968; Liasion Officer, World Psychiatric Association for the South Asia Regional Office of W.H.O.; *Visited*: Canada and U.S.A ; *Hobb*: Tennis, photography, reading and music; *Add*: Medical Supdt., Hospital for Mental Diseases, P.O. Kanke, Ranchi-6.

BHAT, (Dr.) Beliyar Ramdas—Prof. and Head, Dept. of Statistics, Karnatak Univ., Dharwar since 1966; *b* 17 November 1930 at Vill. Kurkal in S.Kanara Dist.; *Edn*: M.A. (Stats) in 1954 from Karnatak Univ.; Ph.D. (Stats) in 1961 from Univ. of California, U.S.A.; *Resch Exp*: for 14 years guiding research scholars; *Pub*: About 16 articles published in various journals; *Exp*: Lecturer, Karnatak Univ. 1954-58; Graduate Asst., Univ. of W. Australia, 1958-59; Graduate Research Statistician, Univ. of California, 1959-61; Asstt. Prof., Michigan Univ. 1961-62; *Mem*: Institute of Mathematical Statistics; Life member of Indian Statistical Association; member, Board of Studies of Karnatak Univ and Osmania Univ; *Knows:* English and Kannada; *Visited*: Australia and U.S.A.; *Add*: Vanivilas, Dharwar-7.

BHAT, K.S. Haridasa—Principal, Mahatma Gandhi Memorial College, Udipi-2 since January 1964; *b* 25 August 1923 at Udipi in Dist. S. Kanara; *Edn*: M.A. (Econ) in 1950 from Madras Christian College, Madras; *Resch Exp*: On Folk Songs of Kanara; *Pub*: Several Books in Kannada, like, 'Arthasastra', 'Asian Economics and Tennesey Valley', editing 'PIGMY', a monthly economic review for Syndicate Bank; besides several papers published in reputed papers and journals; *Exp*: Joined M.G.M. College, Udipi 17 years back; *Mem*: Academic Council, Affiliation Commission (Arts), Kannada Dictionary Cttee of Mysore Univ., Rotary Club, Academy of General Education (Manipal), Kannada Encyclopaedia; *Knows*: Hindi, Kannada, Sanskrit, English and Italian; *Visited:* Instituto perlo Svileuppo Economico, Naples, Italy for 6 months course in Economic Development; Delegate to World Food Congress, Washington, USA. in 1963; *Hobb:* Photography, writing; *Add:* M.G. Memorial College, Udipi 2.

BHAT, M. Ramakrishna—(Vidyabhaskara, Vidya Sagara, Kavita-Catura, Vidvan)—Head, Dept. of Sanskrit, Hindu College, Delhi since December 1967; *b* 17 April 1909 at Kumbla in Dist. S. Kanara; *Edn:* M.A. (Sanskrit) in 1933 from Presidency College, Madras with first class first, winning four Gold Medals and two prizes; Vidvan (Kannada and Sanskrit) in 1941 from Madras Univ., winning Gold Medal; *Resch Exp:* Vast experience in Sanskrit grammar; *Pub:* Several books and papers published dealing with various aspects of poetry, grammar and astrology; *Honours:* Gold Medal award at a Kavisammelan; *Exp:* Govt. College, Mangalore, 1937-38; Madras Christian College, Madras, 1933-34; St. Joseph's College, Bangalore, 1938-55; Hindu College, Delhi since 1956; *Mem:* Former member of All India Oriental Conference, Sanskrita Viswa Parishad etc.; *Genl:* A popular writer, astrologer, poet and teacher; *Knows:* Hindi, Kannada, Malayalam, Tamil, English and Swahili; *Visited:* Uganda; *Hobb*: Astrology, writing poetry in Sanskrit; *Add*: Narayanamangalam, Kumbla, Dist. South Kanara.

BHAT, (Dr.) Muralidhar Srinivas—Head, Dept. of Sanskrit, Univ. of Bombay, Bombay-1 since June 1964; *b* 21 July 1927 at Rajahmundry, A.P.; *Edn*: M.A. (Sanskrit and Pali) in 1953, Ph.D. (Rgvidhana, a Study) in 1964 from Bombay Univ.; *Resch Exp*: In deciphering and editing inscriptions, editing original Pali texts; *Pub*: Several research papers on Paninian Grammar, Sanskrit, Epigraphy, History and other Indological subjects; *Honours*: Fellow for Sanskrit in St. Xaviers' College, Bombay, 1952-53; *Exp*: Epigraphy Dept., Archaeological Survey of India, 1953-64; *Mem:* All India Oriental Conference; *Knows*: English, Monkani, Marathi, Malayalam and Tamil; *Hobb*: Reading; *Add*: Dept. of Sanskrit, Univ. of Bombay, Bombay-1.

BHAT, (Dr.) Panubhai N.—Head, Dept. of Encyclopaedia, Gujrat Vidyapeeth, Ahmedabad-14 since 1965; *b* 25 July 1925 at Pij in Dist. Kaira; *Edn*: Ph.D. (Ancient Indian Culture) in 1965 from Gujrat Univ; *Resch Exp*: Research Asstt. at Haribhai Research Institute, Aliabada 1957-63; *Pub*: 'Gaps in the Chronology of Western Kshatrapas', 'Who were Ruling in Saurashtra before Yadavas ?', 'Sun Cult in Gujrat and Saurashtra', 'A Note on the illustrated MS of Ramacharitmansa', 'Influence of Moghal Painting on Rajput Painting', 'Stupa at Devni Mori,' 'Residence of Manu', Trends in Paintings in Gujarat' and articles published; Books on 'Kala Parichaya' and 'Abhinaya Darpana'; *Honours*: Sahityaratna in Hindi Literature and Archaeology; *Exp:* D.G. Arts College, Aliabada, 1957-63; National Design Institute, 2 years; I.D. Institute of Indology, 2 years; School of Architecture, Ahmedabad since 1962; *Mem:* Society of Architectural Historians (USA), All India Oriental Conference, Indian History Congress, Gujarat History Congress; President of Fine Arts Society; member, Lalit Kala Akademi; Member, Standing Cttee, Lalit Kala Akademi (Gujrat State); *Genl:* Hony. Editor, Encyclopaedia in Gujrati; Art critic and art historian; has written and translated many books on art; *Visited:* N. Carolina Univ., USA; *Knows* : Gujrati, Hindi, English and German; *Hobb*: Painting and art criticism; *Add*: Dept. of Encyclopaedia, Gujrat Vidyapeeth, Ahmedabad-14.

BHAT, Vishnu Ramakrishna—Prof. and Head, Dept. of Law, Karnatak Univ, Dharwar since June 1962; *b* 25 February 1911 at Kekkar in North Kanara; *Edn*: M.A. (Maths) in 1935, LL.M. in 1939 from Univ. of Karnatak; *Resch Exp*: For last 10 years guiding post-graduate and doctoral scholars; *Pub* : Books on 'Sales Tax' and 'A Critical Survey of Criminal Law in India'; articles on Tenancy, Criminal Procedure, Legal Education, Essays in Criminal Law etc; *Exp*: For 20 years at R.L. Law College, Belgaum before joining Univ. Dept. of Law; *Mem:* International Commission Jurists, several bodies of Karnatak Univ; Executive Cttee of the Indian Law Institute; Treasurer, Law Teachers' Association; Dean, Faculty of Law, Karnatak Univ; *Genl*: Chairman, Law Sub Cttee, Kannada Encyclopaedia; edited the Law Magazine; interested in Sanskrit and Kannada literature; *Knows*: Kannada, English, French, Hindi and Sanskrit; *Add*: Dept. of Law, Karnatak Univ., Dharwar.

BHATIA, Hansraj—Retired Principal of K.G.K. College, Moradabad; *b* 31 March 1905 at Sialkot, W. Pakistan; *Edn*: M.A. (Phil) in 1926 from Govt. College, Lahore; *Resch Exp*: In the field of 'Performance Tests for age group 6-11'; *Pub*: More than 25 books in English and Hindi, most of them in several reprints, several translated in other Indian languages and three books in foreign languages; books are in constant demand; over 200 research articles on education and Child Study published; *Exp*: Vice Principal and Prof. of Phil., D.M. College, Moga, three and a half years; Head, Phil. Dept., Birla College, Pilani, 24 years; Principal, Nopany Vidyalaya, Calcutta for 4 years; Education Ministry, Govt. of India, 2 years; Principal, K.G.K. P.G. College Moradabad for 4 years; *Mem:* Genl. Secy., First All India Montessori Conference held at Pilani in 1946; *Genl*: Several talks broadcast on AIR at Delhi, Jaipur and Calcutta; *Knows*: English, Hindi, Punjabi and Urdu; *Hobb*: Reading, writing, driving and gardening; *Add*: 286, Adarsh Nagar, Jaipur.

BHATIA, (Dr.) Prem Kumar—Lecturer, Dept. of Maths; Univ. of Jodhpur, Jodhpur since September 1963; *b* 4 November 1937 at Jamki in Dist. Sialkot; *Edn*: M.Sc. (Maths) in 1960 from Delhi Univ., Ph.D. (Maths) in 1963 from Jodhpur Univ.; *Resch Exp*: For past 8 years; *Pub*: About 20 research papers published in Indian and foreign journals; *Exp*: Joined Jodhpur Univ. in 1963; *Knows*: English, Hindi and Urdu; *Genl*: Ist class first in M.Sc.; *Add*: 65, Lucknow Road, The Mall, Delhi.

BHATNAGAR, (Dr.) Chaitanya Swaroop—Head, Dept. of Physics, Maulana Azad College of Technology, Bhopal since 1964; *b* 27 October 1928 at Khujer in Dist. Rajgarh; *Edn*: M.Sc. (Physics) in 1950, Ph.D. (Physics) in 1955, D.Sc. (Physics) submitted in 1967 from Saugar Univ.; *Resch Exp*: For the past 17 years; *Pub*: More than 25 papers on various aspects of electrets and magneto electrets in different journals; *Honours*: Awarded National Prize for invention of 'Electric Wax sealing Gun' in 1966; Discovered Magentoelectret in 1964; *Exp*: Univ. of Saguar; Govt. Science College, Sehore; Motilal Vigyan Mahavidylaya, Bhopal; *Mem*: Indian Physical Society, 1958-62; National Academy of Sciences, 1955-56; *Knows*: English, Hindi and Marathi; *Hobb*: Photography and Electronics; *Add*: IV/I, M.A. College of Technology, Bhopal.

BHATNAGAR, (Dr) H.P.—Senior Research Officer, Botany Branch, F.R.I., Dehra Dun since May 1963; *b* 20 August 1934 at Agra; *Edn*: M.Sc. (Bot) in 1955, Ph.D. (Bot) in 1958 from Agra Univ.; *Resch Exp*: For over 13 years in Forest Tree Physiology and Ecology; *Pub*: About 30 papers in standard scientific journals; *Exp*: Joined F.R.I. in 1963; *Mem*: Indian Botanical Society, International Society of Tropical Ecology, Indian Science Congress; *Knows*: Hindi and English; *Visited*: Indian Aid Mission, Nepal, in 1963 to initiate Botanical Survey of Nepal; *Hobb*: Hiking; *Add*: Botany Branch, F.R.I., Dehra Dun.

BHATNAGAR, (Dr.) Hari Lal—Head, Dept. of Applied Sciences. Regional Engg. College, Kurukshetra since 1965; *b* 2 January 1929 at Kota, Rajasthan; *Edn*: M.Sc.(Chem) in 1951 form Delhi Univ.; Ph.D. (Phy Chem) in 1957 from Poona Univ; *Resch Exp*: For 15 years; *Pub*: About 30 papers published in various journals of repute; *Exp*: Kurukshetra Univ. 1961-65; *Mem*: Fellow of Indian Chemical Society; *Knows*: Hindi and English; *Visited*: Wayne State Univ., U.S.A., 1956-58 for post-doctoral research; *Hobb*: Tennis and Hiking; *Add*: Dept. of Applied Sciences, Regional Engg. College, Kurukshetra.

BHATNAGAR, (Dr) Mahendra—Head, Dept. of Hindi, Govt. College, Mhow, M.P. since July 1964; *b* 26 June 1926 at Jhansi in U.P.; *Edn*: M.A. (Hindi) in 1948, Ph. D. (Hindi) in 1957 from Nagpur Univ; *Resch Exp*: Guiding research scholars; *Pub*: Several books like Taron ke Geet (1949), Tootati Shrinkhalayen (1949)', 'Badaltayug (1953)', 'Abhiyan (1954)', 'Antaral (1954)', 'Vihan (1956)', 'Nai Chetna (1956)', 'Madhurima (1959)', 'Jijiwisha (1962)', 'Santaran (1963)', 'Chayanika (1967)', 'Boond Neh Ki-Deep Hridaya ka (1967)', 'Forty Poems of Mahendra Bhatnagar (1967)', besides thesis on 'Samasyamulak Upanyaskar Premchand'; *Honours*: His works have been awarded by Kala Parishad, Gwalior, M.P. and M.P Shasan Sahitya Parishad, Bhopal; *Exp*: Anand College, Dhar; Madhav College, Ujjain; Holkar College, Indore; M.L.B. Arts & Commerce College, Gwalior; *Mem*: Court, Board of Studies in Hindi, Univ. of Indore; Drama Audition Cttee of AIR at Indore; *Genl*: Edited 'Sandhya' monthly & 'Pratikalpa' quarterly; his works have been translated into Indian languages like Tamil, Telugu, Kannada, Malayalam and foreign languages like Czech and English; *Knows*: Hindi & English; *Hobb*: Photography; *Add*: Gopal Bhawan, Jijaji Ganj, Gwalior-8.

BHATNAGAR, (Dr) Mahendra Sarup—Asstt. Prof., Dept. of Chemistry, I.I.T., Kanpur since 1960; *b* 8 December 1912 at Bulandshar; *Edn*: M. Sc. (Physical Chem.) in 1937 from Lucknow Univ.; Ph. D. (Chem) in 1947 from Delhi Univ.; *Resch Exp*: For past 25 years; *Pub*: A book on 'Electroplating & Anodisation', besides over 40 papers published in various journals; *Exp*: Harcourt Butler Technical Institute, Kanpur, 13 years; *Mem*: Fellow of the Institute of Plastics, London; Prof. in Charge of Examinations, IIT, Kanpur; *Knows*: Hindi & English; *Add*: Dept. of Chem., I.I.T., Kanpur.

BHATNAGAR, Onkar Prasad—Head, Dept. of History, Univ. of Allahabad since 1962; *b* 19 July 1909 at Sikandrabad in Dist. Bulandshar; *Edn*: M.A. (History) in 1931 from Allahabad Univ.; *Resch Exp:* For the past 20 years; *Pub:* Book on 'Study in Social History of India' besides several research articles published in newspapers and journals; *Honours*. British Council Visiting Fellow to U.K. 1949-50; John Hay Whitney Visiting Prof. to USA, 1958-59; delivered Raja Ram Mohan Roy Memorial Lectures at Yale Univ., USA, April 1959; delivered Dr. Sudhir Bose Memorial Lectures at Univ. of Iowa, Japan, Jan. 1959; *Exp*: Joined the Allahabad Univ. 30 years ago; *Mem*: Member, Univ. Executive Council, Allahabad Univ; Member, Arts Faculty in Jabalapur & Marathwada Universities; Member, Academic Council, Marathwada Univ; *Genl*: Doing work on behalf of the United Nations; *Visited*: School of Oriental & African Studies, UK. for research; Virginia Univ, USA, for teaching; also visited European countries to attend conferences; Nigeria to attend W.U.S. Conference; *Knows*: English, Sanskrit, Hindi, Urdu & Bengali; *Hobb*: Social work; *Add:* Dept. of History, Univ. of Allahabad, Allahabad.

BHATNAGAR, (Dr) R.D.S.—Reader & Head, Dept. of Zoology, Kurukshetra Univ., Kurukshetra since November 1967; *b* 14 August 1932 at Montogomery, Punjab; *Edn*: M.Sc. in 1954 from Panjab Univ., Ph.D. (Zoology) in 1960 from Univ. of Saskatchewan, Canada; *Resch Exp*: For past 15 years; *Pub*: Over 30 research articles in Indian & foreign Journals; *Exp*: Punjab Univ., 1953-56 and 1960-65; Punjab Agricultural Univ., 1965-67; *Mem*: Fellow of Royal Entomological Society (London), Academy of Zoology (India); President at the International Congress of Entomology in Vienna in 1960; *Knows:* Hindi, Urdu, English, French & German; *Visited*: U.S.A. in 1956-57 and Canada in 1957-60 for higher studies; Austria in 1960 and U.K. in 1964 to attend conferences; *Hobb*: Dramatics, music and cricket; *Add*: Dept. of Zoology, Kurukshetra Univ., Kurukshetra.

BHATNAGAR, (Dr) Raghubans Swaroop—Dept. of English, B.I.T.S., Pilani since 1953; *b* 4 June 1914 at Moradabad; *Edn*: M.A. (English) in 1936, LL. B. in 1937, Ph.D. in 1948 from Lucknow Univ.; *Resch Exp*: For several years under the supervision of Prof. N.K. Siddhanta; *Pub*: Papers on 'Cult of Holmes', 'Mrs Henry Wood and Morals', 'M.E. Braddon—Her Significance in English Novel', 'Humanities & the Nuclear Age' etc.; *Exp*: K.G.K. Degree College, Moradabad, 1 year; practised legal profession for a few years; joined B.I.T.S., Pilani 15 years back and teaching Univ. classes; *Mem*: The English Association (London) and several literary societies; *Genl*: Interested in the study of great rebels like Tom Paine, Thoreau and Gandhi etc.; *Knows*: English, Urdu, Hindi, Persian & French; *Hobb*: Writing, literature reading, rose cultivation; *Add*: Bungalow No. 125, Vidya Vihar, Pilani.

BHATNAGAR, (Dr) Rajendra Prasad—Prof. & Head, Dept of Chemistry, Govt. College, Shivpuri since September 1966; *b* 13 October 1929 at Ujjain, M.P.; *Edn;* M. Sc. (Chem) in 1953, Ph. D. (Chem) in 1959 from Holkar College, Indore; *Resch Exp:* For past 14 years in the field of Ion-exchange, Paper chromatography & Viscosity of mixtures; guiding research students for 9 years: *Pub*: Over 35 research articles published in Indian and foreign journals; *Exp*: Holkar College, Indore, 1954-60; Govt. College, Balaghat, 1960-61; Govt. Science College, Gwalior 1961-66; *Mem*: Indian Science Congress, National Academy of Sciences of India; Fellow of the Indian Chemical Society; Associate of Royal Institute of Chemistry (London); *Knows*: Hindi & English; *Hobb*: Writing small articles and literature reading; *Add*: 95, Poop Ram Nagar, Lal Bagh Road, Indore, M.P.

BHATNAGAR, Satish Swaroop—Prof. & Head, Botany Dept., St. John's College, Agra since August 1964 ; *b* 2 March 1937 at Bareilly, U.P; *Edn :* M.Sc. (Botany) in 1957 from B.I.T.S., Pilani and topped in the Univ. ; *Resch Exp :* For over 3 years ; *Pub :* Books on 'Practical Botany, in 2 Vols., 'Economic Botany' and 'Algae' ; *Honours :* Worked as Prof. of Botany in The Summer Institute of Biology held at Agra ; *Epx :* Bareilly College, Bareilly 1957-64 ; *Knows :* English, Hindi & Urdu ; *Hobb :* Games, sports, writing ; *Add :* c/o Dr. R.S. Bhatnagar, Prof. of English, B.I.T.S., 125, Vidya Vihar, Pilani.

BHATT, (Dr) (Miss) Champaben Laxmanrao—Reader in Practical Guidance, Gujrat Univ., Ahemedabad since 1965 ; *b* 23 October 1923 at Nandarbar in Dist. Khandesh ; *Edn*: M.A. (English) in 1949 from Bombay Univ. ; M. Ed. in 1955, Ph. D. in 1962 from Gujrat Univ. ; *Resch Exp* : In various subjects like Evaluation of the Intensive Teaching of English, Wastage in the Post-graduate courses in Education ; guiding research scholars ; *Exp :* Lecturer 7 years & Prof. of Education for 4 years in A. G. Teachers College, Ahmedabad ; *Mem :* Life member of the Indian Association of Teacher Educators ; *Knows :* English & Gujrati ; *Visited* : U.S.A. for training ; *Add :* Dept. of Practical Guidance, Gujrat Univ., Ahmedabad.

BHATT, Kusum K.—Lecturer in Psychology, Gujrat Univ., Ahmedabad since 1962 ; *b* 12 September 1933 at Viramgam in Dist. Ahmedabad ; *Edn* : M.A. (Sociology) in 1957, M.A. (Psy) in 1959 from Gujrat Univ. ; *Resch Exp* : In the field of Social variables as they influence Personality ; *Pub* : Text book of General Psychology ; *Exp* : Lecturer, H.K. Arts College, Ahmedabad, 1956-62 ; *Knows* : Gujrati, Hindi & English ; *Hobb* : Reading ; *Add* : Dept. of Psychology, Gujrat Univ., Ahmedabad.

BHATT, L.J.—Prof. & Head, Dept. of Psychology, M.S. Univ. of Baroda since 1939 ; *b* 18 September 1913 at Baroda ; *Edn :* M.A. (English) in 1937, B.T. in 1939 from Bombay Univ., M A. (Psy) in 1952 from Univ. of Leeds (U.S.A.) ; *Resch Exp* : For the past 30 years ; *Pub* : Two books and over 35 research papers ; *Exp :* Joined Univ. of Baroda in 1939 ; Visiting Prof., Univ. of Michigan, U.S.A., 1966-67 ; *Mem* : Indian Science Congress, Indian Sociological Society, Madras Psychological Society, Presided the Sectional conference of Indian Science Congress in 1956, President of All India Vocational & Educational Guidance Association in 1964 ; *Knows :* English, Gujrati & Hindi ; *Visited* : U.K., U. S. A., Sweden and many parts of Europe ; *Add* : B/2, Vikram Bag, Pratap Ganj, Baroda-2.

BHATT, (Dr) Narbheshanker Madhavji—Prof. & Head, Dept. of Statistics, M. S. Univ. of Baroda, Baroda-2 since 1950 ; *b* 28 March 1909 at Zanzmer in Dist. Bhavnagar ; *Edn* : M.Sc. (Maths) in 1932 from Bombay Univ., Ph. D. (Stats) in 1948 from Edinburgh Univ. ; *Resch Exp* : Thesis on 'Transformation of Variate' ; guiding research work for 22 years ; *Pub* : About 30 journals published in various statistical journals ; *Exp :* Sharda High School, Anand and Kala Bhavan Tech. High School, Baroda 1933-48 ; Commerce College, Baroda, 1948-49 ; *Mem* : President, Second Gujarat Math. Conference, 1965 ; President, Statistical Section, Indian Science Congress 1966 ; President Calcutta Statistics Association, 1967; member of Institute of Mathematical Statistics and Biometric Society of U.S.A. ; Fellow of Royal Statistical Society, U. K. ; member, Senate and Syndicate of M.S. Univ. of Baroda ; Dean, Faculty of Science 1954-62, Univ. of Baroda ; *Knows* : Gujarati, Hindi & English ; *Visited :* U.K. for higher studies ; *Add :* Dept. of Statistics, M. S. Univ. of Baroda, Baroda-2.

BHATTACHARJEE, Bidyut Jyoti—Incharge, Physics Dept., St. Anthony's College, Shillong-3 since 1967 ; *b* 14 March 1939 at Vill. Mahashasra, E. Pakistan ; *Edn :* M.Sc. (Physics) in 1963 from Gauhati Univ. ; *Resch Exp :* Working on Elementary particles and Relativity ; *Pub :* A few research papers published ; *Exp :* D.N. Vidyamandir, Dharmanagar, 1960-63 ; Lecturer in Physics, St. Anthony's College, Shillong, since 1963 ; *Mem :* Indian Physical Society, Indian Science Congress Association ; *Knows* : English, Bengali, Hindi & Assamese ; *Add* : Dept. of Physics, St. Anthony's College, Shillong-3.

BHATTACHARJEE, Jatindra Mohan—Reader & Head, Dept. of Bengali, Gauhati Univ., Gauhati since September 1964 ; *b* 1 January 1909 at Vill. Singerkach, Dist. Sylhet ; *Edn* : M.A. (Bengali) in 1931 from Calcutta Univ. ; *Resch Exp* : For 9 years at Calcutta Univ. ; *Pub*: Has a large number of books and papers published at his credit ; *Honours* : Griffith Memorial Prize, : awarded Akhtar Banu Surhawardy Gold Medal ; *Exp:* Ramtanu Lahiri Research Asst., Calcutta Univ., 1932-39; Asstt. Lecturer, 1939-41 ; M.C. College, Sylhet, 1941-43 ; Cotton College, Gauhati, 1943-64, joined as Lecturer and later became Prof. and Head of the Dept. of Bengali; *Mem :* President, Gauhati Branch of Bangiya Sahitya Parishad ; *Genl* : Has a large personal collection of rare manuscripts, rare books and journals ; *Knows :* Bengali, Assamese, Maithili & Hindi ; *Hobb* : Stamp collection ; *Add* : Mokshada Kutir, Atgaon, Gauhati-1.

BHATTACHARJEE, Nimai Chand—Asstt. Director & Principal Scientific Officer, Terminal Ballistics Research Laboratory, Chandigarh (under Min. of Defence, N. Delhi) since 1963 ; *b* 1 March 1912 at Belpukur, Dist. Nadia ; *Edn :* M.Sc. (Pure Physics) in 1936 from Univ. College of Science & Techy.. Calcutta ; *Resch Exp* : Since 1942 engaged in both applied & basic armament technology and science ; *Pub* : Produced about 50 departmental Reports on design, development of armament stores ; 13 official Reports on Damage Study by Aircraft Bombs ; several papers on various defence subjects ; *Exp :* Inspector of Ammunition, Kirkee, 1943-44 ; Chief Inspector of Ammunition, Kirkee 1945-46 ; Tech. Development in Ammunition 1946-58 ; Armament Research & Dev. Establishment, Kirkee, 1958-62 ; *Mem :* Indian Science Congress, Defence Science Services Association ; *Genl* : Awarded C-in-C's Commendation Certificate in 1952 for design of India's self-loading Rifle ; several other awards for defence innovations ; *Visited:* Defence establishments in U.K. for research & training in 1962-63 ; *Knows :* English, Bengali, Hindi, Marathi etc. ; *Hobb :* Social service, writing poetry and designs etc.; *Add* : Terminal Ballistics Research Laboratory, Chandigarh.

BHATTACHARJEE, Nirod Kumar—Principal, Asutosh College, Bhowanipur, Calcutta-26 since June 1966 ; *b* 1 May 1912 at Nadia, W. Bengal ; *Edn*: M.A. (Econo) in 1934, standing First in the Univ. of Calcutta ; *Pub :* Several papers published in various journals; *Exp:* Joined the Asutosh College, Calcutta in July 1935 ; *Mem* : Senate & Academic Council, Calcutta Univ ; Life Fellow, Royal Economic Society, London ; *Knows* : English, Bengali & Hindi ; *Add* : 22A, Amrita Banerjee Road, Calcutta-26.

BHATTACHARYA, Amiya Prakash—Research Officer, Basic Research Division, Irrigation Research Institute, Roorkee since 1960 ; *b* 16 July 1915 at Serampore in Dist. Hooghly ; *Edn :* M.A. (Maths) in 1936 from Barielly College, Barielly ; *Resch Exp* : for 30 years in the field of water requirements of crops and flood flows of rivers ; *Pub* : about 60 papers published and several selected for international conferences ; *Honours* : First class first in M.A. winning Krishna Kumari Gold Medal ; *Mem* : American Geophysical Union, American Society of Civil Engineers, Indian Science Congress, National Academy of Sciences ; on the Advisory Board of Central Board of Irrigation & Power, and I.C.A.R; *Knows* : English, Bengali, Hindi & Urdu ; *Hobb* : Photography & mountaineering ; *Add* : 30, Acharya Krishna Chandra Bhattacharjee Street, Serampore, Dist. Hooghli.

BHATTACHARYA, (Dr) Asutosh—Rabindranath Tagore Prof. since 1967, Dept. of Modern Indian Languages, Univ. of Calcutta; *b* 18 January 1909 at Vill. Jhalua in E. Pakistan; *Edn* : M.A. (Bengali) in 1932, with first class first; Ph.D, (Folk literature of Bengal) in 1959 from Dacca Univ.; *Resch Exp* : Research Associate in Primitive Religion and Folk Culture, Anthropological Survey of India, Govt. of India, 1947-55; *Pub :* Books on 'Vangala Mangal Kavyer Itihas', 'Vangala Natya Sahityar Itihas', 'Vangalar Loka-Sahitya Vols. I to IV', 'Vangiya Loka Sangit Ratnakar Vols. I to IV', 'Mahakavi Madhusudan', 'Gitkavi Madhusudaan', 'Adhunik Vangala Sahityer Samkhipta Itihas', 'Vangala Samajik Nataker Vivartan', 'Vangala Katha Sahitya Itihas', 'Vangalar Loka Sruti', 'Bautulsi', 'Baiskavir Manasa Mangal'; *Honours* : Awarded Sarojini Basu Gold Medal from Calcutta Univ.; *Exp :* Dacca Univ. 1937-47; Calcutta Univ. since 1955; *Mem* : Fellow, Sangeet Natak Akademi; member, Executive Board, Society for Asian Folklore; member, Folklore Institute, Indian Univ., USA; President, Research Institute of Folk Culture, W.B.; *Knows :* Bengali, English & Sanskrit; *Visited :* Visiting Prof. to Leningrad State Univ., USSR; *Hobb :* Study of folklore; *Add :* 32, Becharam Chatterjee Road, Calcutta-34.

BHATTACHARYA, (Dr) Girindra Nath—Reader in Applied Physics, Calcutta Univ., Calcutta since 1955; *b* 15 October 1908 at Narail, W. Pakistan; *Edn* : M.Sc. (App. Physics) in 1932, D.Sc. (App. Physics) in 1945 from Calcutta Univ.; *Resch Exp :* For over 20 years in various capacities; *Pub :* About 50 papers in various scientific journals; edited 'Handbook of Shellac Analysis', translated Glovers 'Lac Cultivation in India'; *Honours* : Univ. Gold Medal & M.L. Mallick Gold Medal in M.Sc. besides several distinctions during studies; *Exp :* Sir R.B. Ghose Research Scholar in App. Physics, Calcutta Univ. 1934-37; Research Physicist, 1937-43; Senior Physicist 1943-50, Scientific Officer 1950-52 in Indian Lac Research Institute, Ranchi; Lecturer, 1952-55, Calcutta Univ.; *Mem :* Fellow of Indian Physical Society (Genl. Secy. 1962-66, Treasurer 1966-67); Fellow, Institute of Physics & Physical Society, London; Senior Member, Institute of Electrical & Electronics Engineers; Member, Indian Science Congress Association; *Genl:* Delegate, International Electrochemical Commission Meetings, Munich in 1956; Commonwealth Standards Conference 1957; I.E . Commission Meetings 1960; *Knows :* English, Bengali, Sanskrit, Hindi & German; *Visiting* :Universities, Laboratories and private Works in Germany, France, Switzerland, Holland, Belgium, Italy and U.K. on various purposes; *Hobb :* Music; *Add :* 35, B.C. Road, Calcutta-19.

BHATTACHARYA, Gopal Chandra—Principal, B.T. (S.T.T.) College, Agartala, Tripura since July 1964; *b* 28 February 1917 at Silaur in Dist. Tipperah; *Edn* : M.Ed. from Univ. of Melbourne, Australia; *Resch Exp* : Thesis for M.Ed. was 'Aims and purposes of Education in Australia & India'; *Pub :* about 20 papers in English and Bengali, published in educational journals of India and abroad; *Honours :* Recepient of Colombo Plan Fellowship for four years 1956-59; *Exp* : Headmaster, Rural Reconstruction High School, Gosaba; Education Officer, Sir Daniul Hamilton State, Gosaba; Headmaster, Loka-Shik-shalya, Champaknagar, Tripura; Principal, Basic Training College, Kakrabon ; Principal, Basic Training College, Kunjaban; *Mem*: Chairman, Sri Aurobindo Society, Tripura Branch; Secy. Buddha Jayanti Cttee, Benuban Vihar; Vice-Chairman, Rabindra Parishad, Tripura; *Genl :* While in Australia gave several talks about India, on radio and in different educational institutions; *Visited* : Australia; *Knows* : English, Bengali, Hindi & Tripuri; *Hobb* : Gardening; *Add* : B.T. (S.T.T.) College, Agartala, Tripura.

BHATTACHARYA, (Dr) Gopal Chandra—Lecturer, Dept. of Applied Chemistry, Calcutta Univ., Calcutta-9 since 1956; *b* 1 March 1921 at Calcutta; *Edn* : B.M.E. (Mech Engg) in 1947 from Jadavpur Univ., D.Phil. (Food Engg. & Food Techy.) in 1966 from Calcutta Univ.; *Resch Exp :* For more than 14 years in the field of Air-conditioning, Refrigeration, food Engineering and food technology; *Pub* : Four papers published; *Exp :* M/s A.I.R. Co. Ltd., New Delhi, 1948-54; Indian Association for the Cultivation of Science, Calcutta, 1954-56; *Mem* : Mathematical Society, Indian Association for the Cultivation of Science, Science Club, Indian Science Congress Association, Indian Chemical Society; *Knows :* German, Japanese, Hindi, Bengali & English; *Genl :* Paper setter, examiner, visiting lecturer to several other institutions; *Add :* Dept. of App. Chem., Cal. Univ., Calcutta-9.

BHATTACHARYA, (Dr) Pramod Chandra—Principal, B. Boroorah College, Gauhati-8 since 1962; *b* 16 February 1925 at Digheli in Dist. Kamrup; *Edn :* M.A. (Assamese) in 1950, D.Phil (Boro Language) in 1965 from Gauhati Univ.; *Resch Exp* : Thesis did on 'A Descriptive Analysis of the Boro Language', now working on 'Boro Folklore, Culture & Tribal Languages of India'; *Pub* : Books on 'Boro Language & Tales (English)', 'Asamar Janajati (Assamese)', besides several papers published in language journals; *Honours* : Recepient of Aumati Goswami Gold Medal for Literary Proficiency in 1942; *Exp* : Lecturer in Assamese, B. Borooah College, Gauhati, 1951-1962; *Mem :* Life Member of Assam Sahitya Sabha, Jorhat, and Linguistic Society of India, Poona; President, Gauhati Sahitya Sabha; *Genl :* Worked as a journalist 1947-52 in an Assamese Daily while teaching ; *Knows* : Assamese, English, Hindi, Boro, Garo, Oriya, Sanskrit & Tibetan; *Hobb* : Swimming, dramatic performances; *Add* : Borooah College, Gauhati-8.

BHATTACHARYA, (Dr) R.N. Director, Centre of Advanced Study in Maths., Jadavpur Univ., Calcutta-32 since 1956; *b* 15 May 1918 at Jessore, E. Pakistan; *Edn* : M.A. (App Maths) in 1940, D. Phil. (Ship-waves & Wave Resistance) in 1960 from Calcutta Univ.; *Resch Exp* : In the field of Ship-waves, space dynamics, Astrophysics, Ballistic missiles, Tibetan Calendar and other topics; *Pub* : Book on 'Ship Waves & Wave Resistance' besides about 30 research papers in scientific journals; *Exp* : City College, Calcutta 1941-56; *Mem* : Calcutta Mathematical Society, Jadavpur Mathematical Association; *Knows* : Bengali & English; *Hobb* : Chess and political discussions; *Add* : Centre of Advanced Study in Maths., Jadavpur Univ., Calcutta-32.

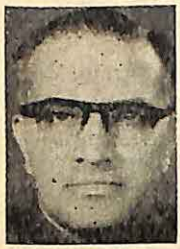
BHATTACHARYA, Rabindranath—Lecturer, 23 January 1936 at Tirunvelli; *Edn:* Dept. of Geography, Calcutta Univ., since July 1964; *b* M.A. 1958 from (Geog) in Calcutta Univ.; *Resch Exp* : For 1959-64; *Pub* : About 20 research articles, published in reputed journals of India, *Exp* : Joined Calcutta Univ. in 1964; *Mem* : Asstt. Secy. of The Geographical Society of India since 1962 and its member since 1959; member, The Indian Science Congress since 1959; editor of 'Observor' of Calcutta Univ., during 1957-58; *Knows* : Bengali, Hindi, English, Urdu and Tamil; *Hobb* : Photography and reading; *Add*: Dept. of Geography, Calcutta Univ., Calcutta.

BHATTACHARYA, (Dr) Srinibas—Head, Psychometrics Unit, Centre of Advanced Study in Education, M.S. Univ. of Baroda, Baroda since August 1965; *b* 1 August 1921 at Calcutta; *Edn* : M.A. (Sociology) in 1951 from Calcutta Univ.; M.A. (Psychology) in 1954, Ph.D. (Psychology) in 1963 from Institute of Education, London Univ; *Resch Exp* : Conducting doctoral and post-doctoral researches ; *Pub* : Books on 'Guidance in Education', 'New Horizons in Phychological Research', 'Foundations of Education and Educational Research', 'Our Society & Education', 'Programmed Remedial Reading Text', 'A Text Book of Psychology in Education' etc.; *Exp* : Univ. of Lucknow, 1 year; David Hare Training College, Calcutta, 1955-64; Manchester Child Guidance Clinic, U.K. 1964-65; *Mem* : All India Association of Mental Retardation, All India Psychological Association, former President of the Examination Section of All India Educational Conference; *Genl :* Author of over 29 books on Educational Psychology and numerous research papers; *Knows* : English, Bengali, Sanskrit & Hindi; *Visited*; U.K., 1952-55 and again in 1961-63; *Hobb* : Writing and composing poems ; *Add* : 10,2, Dr. D.R. Road, Calcutta-33.

BHATTACHARYA, Sukhamoy—Head, Analytical Dept., Bengal Immunity Research Institute, Calcutta-17 since 1947; *b* 1 November 1921 at Shyamagram in Dist. Tippera; *Edn*: A.R.I.C. (Chem) in 1951 from Royal Institute of Chemistry, London; F.I.C. in 1953 from Institution of Chemists (India); Ph. D. in 1966 & F.R.I.C. in 1967 from Royal Institute of Chemistry, London; *Resch Exp*: For over 25 years on topics of analytical and Pharmaceutical chemistry; *Pub*: Over 50 research papers published in scientific journals of India and abroad; *Exp*: Joined the Bengal Immunity Research Institute, Calcutta, 25 years back; *Mem*: Ex. Secy. & Ex. Treasurer, Science Club, Calcutta; Vice President, Science Club

for 1968-69; Member, Indian Science Congress; Fellow of Institution of Chemists (India); Fellow, Royal Institute of Chemistry (London); Member, Glassware Sectional Cttee of the I.S.I. (New Delhi); *Knows*: Bengali, English, Hindi & German; *Hobb*: composing lyrics and poems; *Add*: Analytical Dept., Bengal Immunity Research Institute, Calcutta-17.

BHAVE, Narayan Vishnu—Principal, Tilak Ayurveda Mahavidyalaya, Rasta Peth, Poona—11 since 1965; *b* 27 September 1916 at Parola in Dist. East Khandesh; *Edn*: Ayurved Parangat (Shalya Shalakya Tantra) in 1944 from Tilak Ayurveda Mahavidyalaya, Poona; *Resch Exp*: In the field of Keratoplasty; *Pub:* 'Netrayog Vidnyan' and paper on Shalakya Tantra; *Exp*: Seth Tarachand Ramnath Charitable Ayurvediya Hospital, Poona; *Mem*: Court & Academic Council, Univ. of Poona; *Knows*: English, Marathi & Hindi; *Visited*: London Univ, UK; France; Dr. French Ketty's Eye Institute, Switzerland; *Hobb*: Gardening; *Add*: 583/72, Shukrawar Peth, Poona-2.



BHAVE, (Dr.) Waman Vishwasrao—Principal, P.G. Basic Training Colleges in M.P. since 1964; *b* 27 April 1914 at Sagar, M.P.; *Edn*: M.A. (English) in 1937 from Lucknow Univ; B.T. in 1940 from BHU; Ph. D. (Education) in 1967 from Jabalpur Univ; *Resch Exp*: For 18 years; *Exp*; Tilak College of Education, Poona 1942-43; Vidya Bhawan Teachers College, Udaipur, 1944-46; Joined State Educational Service in 1946 and served as Lecturer, Asstt. Prof and Principal of Teachers Colleges at Jabalpur, Bilaspur, Amravati, Sagar, Rewa, Ujjain & Khandwa; *Mem*: Court, Academic Council of Saugar Univ; Ex. Member, Executive Council, Jabalpur Univ; Founder President, Marathi Sahitya Sangh, Jabalpur; *Genl*: Wide experience in conducting seminars and workshops on Educational subjects; *Knows*: English, Hindi, Marathi & Sanskrit; *Hobb*: Music & debates; *Add*: Principal, Govt. College of Education, Khandwa.

BHAWALKAR, (Dr.) Devidas Raghunath—Head, Physics Dept., Saugar Univ., Sagar since 1946; *b* 29 September 1908 at Achalpur Camp. Dist. Amravati; *Edn*: M. Sc. (Physics) in 1932 with First Class First from Nagpur Univ.; Ph. D. (X-Rays) in 1934 from London Univ.; *Resch Exp*: For over 30 years in various branches of Solid State Physics; *Pub*: Several research papers published in scientific journals; *Honours*: Scholarship holder throughout his academic career; *Exp*: S.P. College, Poona, 1 year; *Mem*: Fellow and member of a number of Indian and foreign scientific Associations and Societies; *Genl*: Recorder of Physics Section, Indian Science Congress for 3 years; guiding cultural activities at the Saugar Univ.; *Visited*: Kings College, London, U.K. for Ph.D.; Paris, France etc. for sightseeing; *Hobb*: Photography & music; *Add*: Physics Dept., Saugar Univ., Sagar.

BHAWALKAR, (Dr.) Mrs. Vanamala—Reader in Sanskrit, Univ. of Saugar, Sagar since 1953; *b* 8 February 1914 at Belgaum; *Edn*: M.A. (History) in 1937 with First Class first and Gold Medal from Calcutta Univ., M.A. (Sanskrit) in 1952 from Nagpur Univ., Ph.D. (Sanskrit) in 1961 from Saugar Univ.; *Resch Exp*: Ph.D. thesis on 'Mahabharat men Nari'; guiding Ph. D. students; *Pub*: Several papers, dramas, opera, short stories etc; *Honours*: Prizes of Rs. 1000/- from M.P. Govt , Rs. 5000/- from U.P. Govt. besides several plays broadcast on A.I.R.; *Exp:* For 18 years at the Univ. of Saugar; *Mem*: Programme Adviscry Cttee of A.I.R., besides on several bodies of the Saugar Univ; *Visited:* U.K., France, Switzerland; *Hobb:* Music, gardening; *Add:* Dept. of Sanskrit, Univ. of Saugar, Sagar.

BHAWE, Nagesh Waman—Principal, College of Education, Sangli since June 1964; *b* 23 January 1917 at Dhulia, Maharashtra; *Edn:* M.A. (Phil) in 1949 from Bombay Univ.; M. Ed. in 1955 from Poona Univ.; P.G. Dip. (Teaching English) in 1964 from C.I.E., Hyderabad; *Pub*: Several articles—'Education for International Understanding', 'The Text Book and the Teacher', 'Lajpatrai and National Education' besides several others published in College magazines; *Mem:* Board of Studies in Education, Faculty of Education, Academic Council, Senate, Board of Univ. Teaching & Research in Shivaji Univ.; *Genl:* Interested in social work, worked as actor and director in several Marathi dramas, written several plays for children: *Knows*: English, Hindi & Marathi; *Hobb*: Music, drawing & drama; *Sports*: Volley Ball; *Add*: College of Education, Sangli.

BHIDE, A.D.—Lecturer, Dept. of Civil Engg., Univ. of Roorkee, Roorkee since May 1964; *b* 30 January 1941 at Nagpur; *Edn*: M.E. (P.H.E.) in 1964 from Univ. of Roorkee; *Pub*: Co-translator of a book in Hindi 'Water Supply and Sewerage' besides 4 research papers; *Exp*: Teacher Trainee, Univ. of Roorkee, 1961-64; *Mem*: Indian Association of Water & Pollution Control Engineers; *Knows*: Marathi, Hindi, English & Sanskrit; *Hobb*: Indoor Games; *Add*: Dept. of Civil Engg., Univ. of Roorkee, Roorkee.

BHIDE, (Dr.) Narayan Vithal—Principal, Ruparel College, Bombay-16 since April 1965; *b* 29 November 1909 at Bombay; *Edn*: M.Sc. (Org Chem) in 1937 from Ranade Institute, Poona; Ph. D. (Org Chem) in 1941 from N. Wadia College, Poona; *Resch Exp:* Since 1942 guiding M.Sc. and Ph.D. scholars; *Pub*: A Book on 'Food & Nutrition' containing 32 papers besides several papers published in different journals; *Exp*: Prof. in Chem., N. Wadia College, Poona, 1937-52; Prof. of Chemistry, D.G. Ruparel College, Bombay since 1952 till date; *Mem*: Senate, Academic Council, Board of Studies in Chemistry, Science Faculty of the Univ. of Bombay; *Genl*: Interested in literature, dramas in Marathi & English; inspired by the high ideals of Lok Manya Tilak, Gokhale, Dr. Paranjpe; joined the Modern Education Society in 1937 and in 1947 became its life member; *Knows*: Marathi, Hindi, German & English; *Add:* Ruparel College, Bombay-16.

BHOLA, Kundan Lal—Regional Director, Dept. of Atomic Energy, R.K. Puram, New Delhi-22 since March 1967; *b* 16 March 1908 at Miani in Dist. Sargodha; *Edn*: A.I.S.M. (App. Geology & Mining) in 1930 from Indian School of Mines & App. Geology, Dhanbad winning 17 prizes and Central Govt. merit Scholarship; *Resch Exp*: In the field of prospecting, exploration, mining etc. of uranium, beryllium, lithium & other atomic energy minerals, petroleum, various ores etc.; *Pub*: About 25 research papers, two of them at the 2nd & 3rd U.N. Conference on Peaceful Uses of Atomic Energy (Geneva) and a couple of them were awarded with medals; *Exp*: Ran private Mining firm for 3 years; State Geologist in Govt. of Jodhpur for 3 years: geologist in Burmah Oil Co. for 11 years; joined Dept. of Atomic Energy as Mining Geologist 19 years back and held various positions; *Mem:* President of the Section of Geology & Geography of the Indian Science Congress; International Geological Congress, Geological Society of India, Mining Geological & Metallurgical Institute of India, Council Member of Geochemical Society of India; *Genl*: Discovered, explored and mined uranium at Jaduguda (Bihar) and later the largest uranium deposit at Nar-wapahar; *Knows*: English, Hindi, Urdu, Bengali & German; *Visited:* France, Vienna, Sweden, U.K., W. Germany, Italy, Switzerland & Denmark to visit the Uranium mines and do research; *Hobb*: Photography; *Add*: Dept. of Atomic Energy, R.K. Puram, New Delhi-22.

BHONSLE, (Dr.) Balramji Rao—Prof. of Maths, Govt. Engg. College, Jabalpur since September 1963; *b* 7 May 1923 at Tandwa in Dist. Raipur; *Edn*: M. Sc. (Maths) in 1945, Ph.D. (Some properties of special functions of spherical harmonics and mathematical physics) in 1959 from Nagpur Univ.; *Resch Exp*: For 14 years, guiding several research students; *Pub*: Over 30 research papers on 'special functions', integral transforms etc. in mathematical journals; *Exp*: Rayat Sikshan Sanstha, Satara 1945-46; Hitkarini Mahavidylaya, Jabalpur, 1946-48; Govt. Science College, Raipur 1948-50; Mahakoshal Mahavidyalaya, Jabalpur, 1950-51; Govt. Engg. College, Jabalpur 1951-52; Govt Science College, Raipur, 1952-53; Govt. Engg. College, Jabalpur 1953-59; Govt. College of Engg. & Techy., Raipur, 1959-61; M.A. College of Techy, Bhopal, 1961-63; *Mem*: Indian Mathematical Society, American Mathematical Society, Bharat Ganit Parisad, Calcutta Mathematical Society, National Academy of Sciences (Allahabad); *Genl*: Reviewer of 'Mathematical Reviews (America)' and Zentrablatt fur Mathematik, Berlin; *Knows*: Hindi, Marathi & English; *Add*: Dept. of Maths., Govt. Engg. College, Jabalpur.

BHOPATKAR, (Dr.) Chintamani Trimbak—Reader & Head in Psychology, Gujrat Univ., Ahmedabad since September 1967; *b* 22 March 1918 at Satara in Maharashtra; *Edn*: M.A. (Phil) in 1943 from Fergusson College, Poona; Ph.D. (Psy) in 1957 from S.B. Garda College, Navsari; *Resch Exp*: Carried out several research projects in the field of Perception, Personality and Social Psychology; guiding several research scholars; *Pub*: Text books on 'General Psychology', 'Personal Adjustment', 'Experimental Psychology' besides booklet and pamphlets; *Exp*: N. Wadia College, Poona, 1945-49; S.B. Garda College, Navsari, 1949-59; Lecturer, Gujarat Univ. 1959-67; *Mem*: Madras Psychological Association, Indian Psychology Association, Indian Association of Applied Psychology, Gujarat Psychological Association; *Knows*: Marathi, English, Hindi & Gujarati; *Add:* Dept. of Psychology, Gujrat Univ., Ahmedabad.

BHOWMICK, (Dr.) Prabodh Kumar—Lecturer in Social Anthropology, Univ. of Calcutta since 1963; *b* 1929 at Midnapur; *Edn*: M.Sc. (Anth) in 1951, D. Phil. (Anth.) in 1960, D.Sc. (Anth.) in 1967 from Calcutta Univ.; *Resch Exp*: Extensive field work in W. Bengal, Orissa & Bihar; *Pub*: 'The Lodas of W. Bengal,' 'Caste and Service in a Bengal Village', 'Socio-cultural profile of Frontier Bengal' besides several articles; *Exp*: Lecturer in Anthropology, Bangabasi College, Calcutta 1952-63; *Mem*: Asiatic Society of Bengal, Indian Science Congress, Bihar Social Research Institute, Samaj Sevak Sangha, Adivasi Kalyan Samiti; *Genl*: Interested in social problems and tribal welfare; *Knows*: English, Bengali & Sanskrit; *Hobb*: Photography; *Add*: 727, Lake Town, Calcutta-55.

BHRAMAR, (Dr.) Ravindra—Head, Dept. of Hindi, A.M. U., Aligarh since 1960; *b* 6 June 1934 at Jaunpur; *Edn*: M.A. (Hindi) in 1954, Ph.D. (Hindi) in 1959 from BHU, Varanasi; *Resch Exp*: For past 8 years guiding research students; *Pub*: Books on 'Ravindra Bhramar ke Geet', 'Padmawat me Lok-Tattwa', 'Hindi ke Adhunik Kavi', 'Bhakti Sahitya me Lok-Sahitya', 'Hindi Kavita ki Naee Pravrittiyan'; *Exp*: B.H.U., 2 years; Maharaja's College, Arrah, 3 years; *Mem*: Bhartiya Hindi Parishad, Nagari Pracharini Sabha (Kashi); *Knows*: Hindi, English & Urdu ; *Hobb*: Music, painting, gardening and poetry; *Add*: Dept. of Hindi, AMU, Aligarh.

BHUMBLA, (Dr.)D.R.—Dean, College of Agriculture, Punjab Agrl. Univ., Hissar since July 1966; *b* 6 December 1921 at Malewal in Dist. Hoshiarpur; *Edn:* M.Sc. (Agri) in 1955 from Punjab Univ.; Ph.D. (Soil Chemistry) in 1962 from Ohio State Univ., U.S.A.; *Resch Exp*: For 23 years on different aspects of Soil Sciences and Plant Nutrition; *Pub:* Over 40 papers published in scientific journals of India and abroad; *Exp:* Research Asstt. 1944-56, Reclamation Officer 1956-60, Asstt. Professor 1960-63 in the Punjab Agriculture Dept.; Associate Prof. 1963-64, Prof. 1964-66 in Punjab Agricultural Univ., Hissar; *Mem*: Gama Sigma Delta Xi and Honour Society, Sigma Xi, Council of Indian Society of Soil Sciences, Member on Expert Cttee of Soils and Fertilizers, Govt. of India; *Knows:* English, French, Hindi, Punjabi and Urdu; *Visited*: Ohio State Univ., USA for Ph.D.; *Hobb*: Gardening; *Add*: Vill. Malewal, P.O. Saroa, Tehsil Garhshankar, Dist. Hoshiarpur.

BINDRA, (Dr.) Onkar Singh—Head, Dept. of Zoology-Entomology, Punjab Agrl. Univ., Ludhiana since August 1967; *b* 21 October 1932 at Hoshiarpur; *Edn:* Assoc. I.A.R.I. in 1953 from I.A.R.I., (New Delhi), Ph.D. (Entomology) in 1961 from Univ. of California, U.S.A.; *Resch Exp:* For over 15 years; *Pub:* 51 research papers; *Exp*: Dept. of Agri., Govt. of Madhya Bharat and later of Madhya Pradesh till 1967; *Mem*: Sigma Xi of U.S.A., Entomological Society of India, Indian Phytopathological Society, Indian Horticultural Society; *Knows:* Hindi, Punjabi & Urdu; *Visited*: U.S.A. for higher studies; *Hobb*: Photography; *Add*: Dept. of Zoology-Entomology, Agrl. Univ., Ludhiana.

BIR BAHADUR (Dr.)—Science College, Saifabad since 1968; *b* 5 April 1938 at Hyderabad; *Edn*: M.Sc. (Botany) in 1960, Ph.D. (Genetics) in 1965 from Science College, Osmania Univ.; *Resch Exp*: For 8 years in the field of Plant morphology, plant genetics and Cytology; *Pub*: About 10 papers published in Indian and foreign journals; *Honours:* First in M.Sc.; winner of several academic prizes throughout; *Exp:* Science College, Saifabad, 1961, 1963-64; Arts and Science College, Warangal, 1964-67; *Mem*: Indian Society of Genetics and Plant Breeding, Indian Society of Cytologists and Geneticists, Indian Science Congress Association; *Genl*: Was in close association with late Prof. J.B.S. Haldane, F.R.S.; *Knows:* Hindi, Urdu, Telugu, Marathi and English; *Hobb*: Plant collection, philately, painting and books collection; *Add*: 20-2-353, Hussaini Alam, Hyderabad-7.

BIR, (Dr.) Sarmukh Singh—Head, Dept. of Botany, Punjabi Univ., Patiala since February 1967; *b* 28 August 1929 at Vill. Shahpur in Dist. Ambala; *Edn*: M.Sc. (Hons) (Botany) 1953 with first class first, Ph.D. (Botany) in 1965 from Punjab Univ.; *Resch Exp*: For 14 years; *Pub:* About 40 papers published in scientific journals; *Honours*: Awarded Academic Roll of Honour for standing first in M.Sc. (Hons); *Exp*: Punjab Univ., 1956-67; *Mem*: American Fern Society, Indian Botanical Society, Indian Science Congress, Palynological Society of India (Lucknow); *Genl:* Widely travelled the various regions of the Himalayas for compilation of Pteridophytic flora; *Knows*: English, Punjabi and Urdu; *Hobb:* Photography and touring; *Add:* Dept. of Botany, Punjabi Univ., Patiala.

BIRADAR, (Dr.) Mallanagouda Gurugouda—Head, Dept. af Kannada, S.B. Arts College, Gulbarga since August 1967; *b* 15 March 1933 at Babaleshwar in Dist. Bijapur; *Edn:* M.A. in 1958, Ph.D. (Kannada) in 1964 from Karnatak Univ; *Resch Exp*: Ph.D. thesis on 'Ratnakarvarni and his Works'; *Pub:* Books on 'Ramayan Darshanadalli Muru Patragalu', 'Ratnakarvarni and his Works', 'Mavina Gejje' besides about 30 short stories, 50 poems, about 20 articles and five one act plays broadcast; *Exp:* Joined S.B. Arts College, Gulbarga ten years back; *Mem*: Jawahar Young Farmers; *Genl:* Lieutenant NCC since 1963; *Knows*: Kannada, English and Hindi; *Hobb*: Swimming, firing and acting in drama; *Add*: Dept. of Kannada, S.B. Arts College, Gulbarga.

BISHESHWAR DAYAL (Dr.)—Prof. and Head, Dept. of Physics, BHU, Varanasi since 1965; *b* 9 July 1908 at Muzaffarnagar, U.P.; *Edn*; M.Sc. and D.Sc. in Physics from BHU; A.I.I.Sc. in Physics from Indian Institute of Science, Bangalore; *Resch Exp*: For over 27 years; 15 students have obtained their Ph.D. and many working; *Pub*: Books on 'Radar Parichaya' and 'Heat and Thermodynamics' besides seventy-five research papers published; *Honours*: Recepient of Watumull award of Rs. 5,000/ for significant research work; *Exp:* Meerut College, Meerut for 1 year; joined BHU about 38 years back; *Mem*: Fellow, National Institute of India; Fellow, Institute of Physics (London); Fellow, National Academy of Sciences; Member, Council, Indian Biophysical Society; *Knows*: Hindi, Urdu, English and German; *Visited*: Birkbeck College UK as visiting scientist; *Hobb:* Contract bridge; *Add*: Dept. of Physics, BHU, Varanasi.

BISWAS, (Dr.) Arun Kumar—Asstt. Prof., Dept. of Metallurgy, I.I.T., Kanpur since May 1963; *b* 6 July 1934 at Calcutta; *Edn:* M.Sc. Tech. (App Chem) in 1955, D.Phil. (App. Chem) in 1959 from Calcutta Univ.; S.M. (Metallurgy) in 1962 from Massachusetts Institute of Technology, U.S.A.; *Resch Exp:* For 12 years in surface chemistry and mineral engineering topics; *Pub*: About 20 research a ticles published in Indian, British and American journals; *Exp:* College of Leather Technology, Calcutta 2 years; Surendranath College, Calcutta, half year; *Mem*: American Institute of Mining, Metallurgical and Petroleum Engineers; *Knows*: Bengali, English and German; *Visitea:* U.S.A., 1960-63 for study and research; *Hobb*: Music and history of sciences; *Add*: Dept. of Metallurgy, I.I.T., Kanpur.

BISWAS, (Dr.) Kalipada—Retd. in 1964 as Director of Medicinal Plants, W. Bengal Govt., Calcutta; *b* 3 December 1899 at Ballygunge, West Bengal; *Edn*: M.A. (Botany) first class first and University Gold Medal in 1922 from Calcutta Univ., D.Sc. in 1937 from Univ. of Edinburgh, U.K.; *Resch Exp*: Carried Botanical exploration throughout India and Burma; *Pub*: Books on 'Common Water and Marsh Plants of India and Burma', 'Fresh and Brackish Water Algae of India and Burma', 'Plants of the Lloyds Botanic Gardens', 'Common Medicinal Plants of Darjeeling and Sikkim Himalayas', 'Rose Growing Centres and Rose Industry in India', 'Bhartiya Banaushadhi' besides over 150 research papers; *Exp*: Curator of Herbarium 1927-37, Supdt. 1937-54, Indian Botanic Gardens, Calcutta: Director, Botanical Survey of India 1954; Director, Medicinal Plants, Govt. of W. Bengal, Calcutta 1954-64; *Mem:* Member-Secy. Medicinal Plants Cttee, Government of West Bengal till 1964; President of Medicinal Plants Committee till 1967; Member of several bodies of I.C.A.R. and Executive Council member of Central

Indian Medicinal Plants Organisation; Fellow of the Royal Society of Edinburgh; Fellow of the Society Botanique de France; President of Botany Section of the Indian Science Congress 1943; Fellow of Botanical Society of India from 1923 and its President in 1952; Fellow of the National Institute of Sciences since 1960; Fellow of Asiatic Society; Several times President of Botanical Society of Bengal; member of several other organisations, councils and journals; *Knows*: Bengali, English, Sanskrit, Hindi and French; *Visited*: Several European countries; *Add*: P-19, Old Ballygunge Road, Calcutta-19.

BISWAS. (Dr.) (Miss) Momota—Asstt. Resch. Officer, Chemical Research Unit, Dept. of Medicinal Chemistry, BHU, Varanasi since March 1968; *b* 12 January 1936 at Kanpur; *Edn*: M.Sc. (Chem), Ph.D. (Chem) from BHU; *Resch Exp*: In the field of Phytochemical and structural analysis of polysaccharises, alkoloids etc; *Pub:* Seven papers published; *Exp*: National Sugar Institute, Kanpur, 4 years; Defence Research Laboratory (Materials) Kanpur, 1 year; *Mem:* Indian Chemical Society, Indian Science Congress Association; *Knows;* German; *Hobb*: Photography, music, stamp collection and reading; *Add*: C/o Shri G.K. Biswas, 52/84, Luxmikund, Varanasi-1.

BISWAS, (Dr.) Murali Mohan—Asstt. Prof., Technical Teachers Training Institute, Calcutta since 1966; *b* 1 February 1928 at Joyrambati in Dist. Bankura, W. Bengal; *Edn*: M.Sc. (Pure Physics) in 1950, D.Phil. in 1962 from Calcutta Univ.; *Resch Exp*: For past 18 years; *Pub*: Over 15 research papers and articles; *Mem*: Indian Science Congress; *Knows:* Bengali, English & German; *Visited:* Germany, 1960-63; and visited England, France, Switzerland, Austria and other European countries; *Add*: Technical Teachers Training Institute, 7, Mayurbhanj Road, Calcutta-23.

BOKIL, (Dr.) (Miss) Indu—Reader in Chemistry, Women's College, BHU, Varanasi since 1961; *b* 23 August 1915 at Indore, M.P.; *Edn*: M.Sc. (Chem) in 1948, Ph.D. (Org Chem) in 1956, B.T. in 1939 from BHU; *Resch Exp:* For over 10 years; *Pub:* Five articles published; *Exp:* D.P. Girls Inter College, Allahabad, 1942-48; Lecturer in Chemistry, Women's College, BHU, 1948-61; *Knows:* Marathi, English, Hindi & German; *Visited:* Universities of Florida & Miami, USA, for post-doctoral fellowship for 4 years; *Hobb:* Reading, music and games; *Add:* 26, Sikhmoholla, Main Road, Indore-3.

BOKIL, (Dr.) Shrinivas Vyankatesh—Prof. of Philosophy, Fergusson College, Poona-4 since June 1962; *b* 30 April 1931 at Koregaon in Dist. Satara; *Edn:* M.A. (Phil) in 1957 from Univ. of Poona; A.M. (Phil) in 1966 & Ph. D. (Phil) in 1967 from Univ. of Rochester, USA; *Resch Exp:* At Univ. of Rochester for 3 years under guidance of Dr. Lewis W. Beck; *Pub:* Two articles on 'Are Aesthetic Concepts Definable?', 'The Nature of the Definitions of Aesthetic Concepts' published in Marathi; *Honours:* Awarded Sudhatai Dhavale Gold Medal in 1957 for standing first class first at M.A. Exam; awarded Danforth Indian Fellowship in 1964 for research; *Exp:* D.E.S.'s Kirti College. Bombay-28; Fergusson College, Poona-4; Univ. of Poona; *Mem*: Life Member of Deccan Education Society since 1962, member of the Board of Studies in Univ. of Poona; *Knows:* Marathi, Hindi, English & French; *Visited:* USA; *Hobb:* Photography & music; *Add:* Bungalow No. 12, Fergusson College, Poona-4.

BOPARDIKAR, Madhav Vishnu—Director, Central Public Health Engineering Research Institute, Nagpur since December 1966 ; *b* 7 October 1913 at Hyderabad; *Edn :* B.E. (Civil) in 1937 from Poona Univ., M.R. San. I. (London); *Resch Exp:* For the past 30 years mainly in field of (1) Oxidation Pond method of treatment of sewage and some industrial wastes, (2) materials to substitute imported ones to save foreign exchange, (3) introduction of Pilot Mechanical Composting Plants and (4) Rural sanitation and River Pollution Surveys, Virus Techniques and Recovery of Biproducts from wastes treatment ; *Pub* : 16 research articles published ; *Exp* : Engineer & Administrator, 1937-54; Prof., Public Health Engg., Engg. College, Poona, 1954-58 ; Asstt. Director, CPHERI, Nagpur, 1958-66 ; *Mem*: Expert Advisory Panel of WHO, Geneva ; International Water Supply Association, London ; Environmental Hygiene & Sanitation Cttee of I C.M.R., New Delhi ; Water Pollution Cttee, Water Sectional Cttee Drainage Sub. Cttee, Sanitary Appliances & Water Sectional Cttee, Public Health Engg. Plants & Equipment Sectional Cttee, Industrial Wastes Sub-Cttee of Indian Standards Institution, New Delhi ; Scientific Food Advisory Panel of Union Ministry of Food, Govt. of India ; Mech. Composting in Indian Towns of Planning Commission; *Visited:* Over 100 research institutions, universities and research laboratories in U.S.A., U.K., Netherlands, France, Germany, Italy, Czechoslovakia, USSR on Fellowship awarded by WHO for 'Study of Graduate Teaching Methods & Organisation of P.H.E. in other countries' ; *Add* : Central Public Health Engg. Research Institute, Nagpur.

BORE GOWDA, (Dr.) L. S.—Asstt. Prof. of Surgery, Medical College, Hubli since 1968 ; *b* 4 January 1933 at Vill. Lokanahally in Dist. Mandya ; *Edn* : M. S. (Surgery) in 1963 from Maulana Azad Medical College, New Delhi ; *Resch Exp* : For two years ; *Pub*: Thesis for M.S. 'A clinical study of gallbladder diseases in relation to cholelithiasis' besides 3 papers published in medical journals ; *Exp* : Asstt. Assoct. Prof. of Surgery, Medical College, Mysore, 3 years ; Reader in Surgery, Medical College, Bangalore, 6 months; Medical College, Bellary, 1966-68; *Mem*: Mysore Medical Council, Indian Medical Association, Bellary Medical College Clinical Society ; *Knows* : Kannada, English & Hindi ; *Add*: Medical College, Hubli.

BOSE, (Dr.) Kartic Chandra—Prof. & Head, Dept. of Zoology, Ranchi Univ., Ranchi since 1956 ; *b* 17 September 1923 at Allahabad ; *Edn:* M.Sc. (Zoology) in 1946, D. Phil. (Pineal Organ of fish) in 1950 from Univ. of Allahabad; *Resch Exp :* For 23 years in the fields of Histology, Endocrinology and Biology of Fish and Insects ; *Pub* : More than 40 papers published in journals of India and abroad ; *Honours :* M.Z.S.; F.A.Z.; F.Z.S.I.; F.I.A.Z.; F.N.A.Sc.; *Exp :* Govt. Agrl. College, Kanpur, 1 year; Zoology Dept., Univ. of Allahabad, 4 years ; Univ. of Rangoon, Burma, 1951-53; L.S. College, Muzaffarpur, 1953-56; Head, Zoology Dept., Bihar Univ, 1956-60; *Mem :* Senate, Syndicate, Academic Council, Faculties of Science, Agriculture & Medicine, Board of Studies in Zoology; Chairman, P.G. and U.G. Moderation Boards in Zoology and Biology; Research Board; International Rotary Club; Member of various bodies in other universities like, Magadh, Ranchi, Rangoon, Utkal etc; *Knows :* Hindi, Bengali, Urdu, Sanskrit, English, French & German; *Visited* : Rangoon Univ., Burma to start and organise the Honours and P.G. teaching in Zoology; *Hobb*: Cricket, photography, astrology, N.C.C.; *Add:* Dept. of Zoology, Ranchi Univ., Ranchi.

BOSE, (Dr.) Mihir Kumar—Asstt. Prof. of Geology, Presidency College, Calcutta since April 1956; *b* 1 September 1933 at Calcutta; *Edn* : M.Sc. (Geol) in 1955 from Presidency College, Calcutta; Ph.D. in 1965 from Calcutta Univ.; *Resch Exp :* Since 1956 working in the field of petrology and mineralogy ; *Pub :* A large number of papers in Indian and foreign journals; *Honours :* Awarded Univ. Medal and Prize; *Exp* : Joined Presidency College, Calcutta in 1956 ; *Mem* : Fellow of the Geological Society of India, Geochemical Society of India; member, the Indian Science Congress ; *Knows :* Bengali, English & Hindi ; *Visited :* Visiting Scientist at Univ. of Oslo, Norway in 1966-67; *Hobb :* Collection of minerals, drawing ; *Add :* P 273, C.I.T. Road, Calcutta-10.

BOSE, (Dr.) Nemal Sadhan—Lecturer in History, Jadavpur Univ., Calcutta since 1956; *b* 1 June 1931 at Howrah, W. Bengal ; *Edn :* M.A. (History) in 1951 from Univ. of Calcutta; Ph.D. (History) in 1954 from London Univ.; *Resch Exp :* For over 5 years ; *Pub :* 'The Indian Awakening & Bengal', 'The Indian National Movement', 'History of the Chandallas', 'Builders of India Series', 'American Attitude and Policy to the Nationalist Movement in India' ; *Exp :* Lecturer in History, St. Paul's College, Calcutta 1955-56; Girls College, Howrah, 1955-56 ; *Mem :* Asiatic Society, Calcutta; Institute of Historical Studies, Calcutta; American Studies Research Centre, Hyderabad; Historical Society, Calcutta ; *Genl :* Associated with several public organisations in Calcutta and Howrah; *Knows:* Bengali, English & Hindi; *Visited:* School of Oriental & African Studies, London 1952-54; Harvard Univ., U.S.A., 1966-67 for research; *Hobb :* Angling, photography and games; *Add :* Dept. of History, Jadavpur Univ., Calcutta.

BOSE, (Dr.) Shantikumar—Sir Asutosh Birth Centenary Prof. of Higher Maths. in Calcutta Univ. since 1967 ; *b* 16 May 1919 at Giridhi, Bihar ; *Edn :* M.Sc. (Maths) in 1944, Ph.D. (Maths) in 1948, D.Sc in 1955 from Lucknow Univ.; *Resch Exp :* Since 1944 working on 'Integral & Meromorphic Functions' and on 'Integral Transforms' ; *Pub :* Two books ; about 30 research papers published in various mathematical journals ; *Exp :* Lucknow Univ., 1947-48, 1949-1966 ; *Mem :* Participated in Conference on Generalized Functions by Mathematical Institute of the Polish Academy of Sciences, 1966 ; Visiting Prof. to several Universities in U.S.A.; Reviewer of 'Mathematical Reviews' of the American Mathematical Society ; Member of American Mathematical Society ; *Knows :* English, Bengali & Hindi; *Add :* Dept. of Maths, Cal. Univ., Calcutta.

BOSE, (Dr.) SHISHIR KUMAR - Director, Indian Institute of Technology, Powai, Bombay-76 since January 1959; *b* 8 February 1910 at Daltangunj in Dist. Patna; *Edn:* D Sc. (Highways) in 1967 from Moscow Roads Institute ; *Pub:* Three papers highly commended by the Indian Roads Congress ; *Exp :* Head, College of Military Engg, Kirkee, 1957-59 ; *Mem :* Court & Council, Indian Institute of Science, Bangalore; All India Board of P. G. Studies; Soils & Roads Sub. Cttee of the Indian Roads Congress ; Civil Engg. & Hydraulics Research Cttee of CSIR; All India Council for Technical Education; Board of Governors, S. V. Regional Engg. College, Surat; Board of Governors, National Institute for Training of Industrial Engineers, Bombay; Director of UNESCO Seminar on Technical Education in Asia; Preparatory Cttee of the World Conference in Engg. Education by the UNRSCO; *Visited:* Several Universities & Institutes in USSR in 1958, 1961 and 1966; USA in 1962; Unesco Meetings in Paris in 1962, 63, 64, 66 & 67; Univ. of Lagos, Nigeria, 1963; Institute of Technology, Colombo, Ceylon, 1964; *Knows:* Bengali, Hindi & English; *Add;* I. I. T., Powai, Bombay-76.

BOSE, (Mrs.) Suddha Sattwa-Principal, Desh Bandhu College for Girls, Calcutta since 1962; *b* 1 March 1921 at Kalighat, Calcutta; *Edn:* M. A. (Modern Indian Languages) in 1948 from Asutosh College, Calcutta; *Resch Exp:* In the field of Philology and Bengali Dramas; *Pub:* Books on 'Bangla bhasar bhumika', 'Alankar-jijnasa', 'Adhunik Bangala Kabyer gati Prakriti etc.', 'Jiban Sampkrta', Ajanma', 'Kayekti', 'Achena', 'Aral', 'Puspalabi', 'Gandir bhetar', 'Desherdak', 'Barobhinter galpa', 'Ghumbhangargan' etc. etc.; *Exp:* Netaji Subhash College, 1949-52; Charu Chandra College, 1952-58; Deshbandhu College, Calcutta since 1958; *Mem:* Banga Sahitya Sammelan, Editor of Ekak for past 26 years; *Knows:* English, Bengali & Hindi; *Hobb:* Travelling and card-playing; *Add:* 46/1, Haldarpara Road, Calcutta-26.

BOSE, (Dr.) Sukumar-Asstt. Prof. of Sugar Chemistry (Organic), National Sugar Institute, Kalianpur, Kanpur since June 1959; *b* 1 November 1926 at Calcutta; *Edn:* M. Sc. (Chem) in 1957 from Calcutta Univ.; *Resch Exp:* Actively engaged in research in the chemistry of plant products like alkaloids, coumarins, polysachharides for past 21 years; investigated the problems of sugar industry regarding clarification, settling, analysis of non sucrose organic constituents of sugarcane juice and other sugar house products; *Pub:* About 75 research papers published in scientific journals; *Exp:* Surendranath College, Calcutta-9, 11 years; *Mem:* Indian Science Congres Association, Society of Sigma Xi, U. S. A.; Fellow, Indian Chemical Society; Assoc. Referee, International Commission for Uniform Methods of Sugar-analysis; Secy., Science and Technology Society, Kanpur; *Visited:* Canada, U.S.A., Italy, France, Belgium, Germany, Switzerland and U.K.; *Hobb:* Reading, photography, stamps and coins collection; *Add:* National Sugar Institute, Kanpur.

BOSE, Sunil Kumar—Director of West Asian Services of the External Services Division of All India Radio, New Delhi since July 1967; *b* 23 June 1914 at Calcutta; *Edn:* B.A. in 1936 from Calcutta Univ.; *Resch Exp:* Invented one Musical instrument; did research on 'Thumri' and 'Folk Music'; *Pub:* Several articles in different languages of India and abroad; *Honours:* 'Best Man' Gold Medals 1933; *Exp:* Broadcasting classical and light vocal music from A.I.R. since 1928; Acting Principal Sangeet Sammelani, Calcutta, 10 years; Music Director in Bengali films 1933-35; Examiner in Music, Calcutta Univ., 1955-56; *Mem:* Music Curriculum Cttee, Baroda Univ.; Board of Music, Nagpur Univ.; Rotary Club. Represented Bengal in all Indian Musical Conferences; Member, Bombay Public Service Commission; *Knows:* English, Bengali & Hindi; *Visited:* U.K., Belgium, France, W. Germany, Switzerland, Italy, U.A.R., E. Germany, Austria, U.S.S.R.; *Add:* 18/18, W.E.A., Karolbagh, New Delhi-5.

BRAHMACHARI, (Dr.) Haridas—Asstt. Director, Defence Institute of Physiology & Allied Sciences, Madras-3 since November 1964; *b* 1 January 1922 at Dacca, E. Pakistan; *Edn:* M. Sc. (Bio-chem) in 1944 from Dacca Univ.; Ph. D. (Bio-chem) in 1952 from Nagpur Univ.; *Resch Exp:* For over 25 years in Diabetes, Nutrition and Adaptation to Stresses; *Pub:* Over 60 research papers published in various medical journals; *Exp:* Nagpur Univ., 1946—47; Nagpur Medical College, Nagpur, 1947—52; School of Tropical Medicine, Calcutta, 1952—54; B.I.T.S. Pilani, 1955—64; *Mem:* Indian Science Congress, Society of Biological Chemists (India); *Knows:* English, Bengali & Hindi; *Hobb:* Travelling etc; *Add:* 372/21A, Russa Road (South), P.O. Tollygunge, Calcutta-33.

BRAHMANKAR, E.B.—Head, Dept. of Business Admn., S. S. V. P. Sanstha's Arts & M.F. M.A. Commerce College, Dhulia since July 1966; *b* 10 September 1936 at Jaikheda in Dist. Nasik; *Edn:* M. Com. in 1960 from Bombay Univ.; *Pub:* About 50 articles on various subjects published in Marathi journals; *Exp:* Lecturer, M. S. G. College, Malegaon 1960-61; Lecturer 1961-62, Asstt. Prof. & Head, Dept. of Business Admn., Pratap College, 1962-66; *Mem:* Board of Studies, Busin-ss Admn., Univ. of Poona; *Add:* c/o Bapu Ramji Brahmankar, P.O. Jaikheda, Dist. Nasik.

BRIJ MOHAN (Dr.)—Lecturer, Dept. of Sociology & Social Work, Univ. of Lucknow, Lucknow since July 1964; *b* 9 August 1939 at Mursan in Dist. Aligarh; *Edn:* M.S.W. in 1960 from Institute of Social Sciences, Agra Univ., Agra; Ph. D. (Social Work and the Problem of Mental Disorder) in 1964 from Lucknow Univ.; *Resch Exp:* For 7 years; working for D. Litt on 'Psychiatric Social Work in India'; *Pub:* More than 15 papers published in distinguished journals of India; *Exp:* Joined Univ of Lucknow in 1964; *Knows* Hindi, English, Urdu & French; *Hobb:* Photography, painting & reading; *Sports:* Badminton; *Add:* s/o Dr. R.P. Sharma, P.O. Mursan, Dist. Aligarh.

BUDDHA PRAKASH (Dr.)—Dean, Faculty of Social Sciences, Kurukshetra Univ., Kurukshetra since 1965; *Edn:* M.A. (History) in 1945, L.L.B. in 1946, Ph. D in 1953, D. Litt. in 1959 from Agra Univ.; *Resch Exp:* Ph. D. thesis on 'Toynbee's Philosophy of History', and D. Litt. thesis on 'Political and Social Movements in Ancient Punjab'; *Honours:* First class first in M.A.; awarded Lakshmi Devi Pamma Gold Medal from Meerut College in 1946; *Exp:* Dept. of History, Punjab Univ., 1960-64; Prof. & Head, Dept of Ancient Indian History, Culture & Arch and Director, Institute of Indic Studies, Kurukshetra Univ., since 1964; *Pub:* About 12 papers published; *Mem* Presided over the Ancient History Section of the Panjab History Conference, Patiala, 1965; Presided over the All India Historical Conference, organised by the Indian Literary Association at N. Delhi, 1966; President, History section of All India Oriental Conference, Varanasi, 1968; Add: Moti Bhawan, Rani Bazar, Saharanpur.

C

CADAMBE, Venkatachallam—Principal, Lucknow Polytechnic, Lucknow since 1962; *b* 10 October 1910 at Bangalore; *Edn* : M. Sc. (Hons) in 1933, Gold Medallist, from Central College, Bangalore; M. S. (Aero. & Mech. Engg.) in 1942 from California Institute of Techy., U.S.A.; *Resch Exp* : In the field of Photo-elasticity, Vibration & Structural Engineering etc.; *Pub* : One book on 'Engineering Research in India's besides several articles on various engineering subjects; *Exp* : Lecturer in Bombay Colleges 1933-36; Secy. Air Services of India Ltd.; Design Engineer, Hughes Aircraft Factory, California, 1942-44; Senior Structural Design Engineer, Douglas Aircraft Factory, U.S.A., 1944-46; Asstt. Sales Manager & Technical Advisor, Tata Aircraft Disposal Organisation, 1946-48; Asstt. Director & Head of Engg. Divn., N.P.L.. 1948-56; Director of Research & Development, Ministry of Defence, 1956-58; Director, Central Mechnl. Engg. Research Institute, Durgapur, 1958-62; *Mem* : A.F.R.Ae. S. (London); A.R.I.Ae.S. (New York); M.I.E. (India); M.Ae. S.I.; F.N.I.; M.I.I.M.; F.I.M. (London); M.I.Struct.E. (London); M.I.Mech.E. (London); Member, Indian Science Congress, Indian Mathematical Society, Indian Society of Applied Mechanics, Tech. Advisor to U.P.S.C. (India), besides on several educational committees; Represented India at International App. Mech. Congress at Istanbul, Turkey in 1952; *Visited* : All over Europe on behalf of Ministry of Defence, Govt. of India; *Knows* : Tamil, Kannada, Hindi & English; *Hobb* : Western classical music; *Add* : 65, III Block, Jayanagar Extension, Bangalore.

CAMERON, David Roderick—Lecturer in English, Anwarul-Uloom Evening College, Hyderabad since October 1967; *b* 24 March 1929 at Hyderabad; *Edn* : M.A. (English) in 1961 from BHU; *Resch Exp* : In the field of Teaching of English as a foreign language in East Africa'; *Pub*: Books on 'Model English Tests for School Certificate', 'Specimen Language Paper for School Certificate' and several other books published in East Africa; *Exp* : Univ. College of Science, Osmania Univ.; Institute of Adult Studies, Univ. of East Africa; *Knows* : English, Urdu, Hindi & Swahili; *Add* : Lenaine House, Abid Road, Hyderabad-1.

CHABLANI, (Dr.) Hassanand Rijhumal—Prof. of Elect. Engg., M. A. College of Technology, Bhopal since 1962; *b* 11 February 1922 at Rohri, Sind; *Edn* ; Ph.D. (Pre. determination of electrical characteristics of ferro-magnetic conductors and laminae) in 1949 from Univ. of Liverpool, U.K.; *Resch Exp* : For 5 years; *Pub* : About 10 articles in scientific journals; *Honours* : Institution of Engineers Prize for 1961-62; *Exp* : M/s Karamchand Thappar & Bros. (P) Ltd., 4 years; M/s Martin Burn Ltd., 5 years; Bengal Engineering College, Sibpore, 1½ years; Birla Engg. College, Pilani, 1½ years; *Mem* : Institute of Engineers (India); Faculty, Academic Council, Chairman of Board of Studies in Elect. Engg. of Vikram Univ.; Ex-Member of Faculty of Engg. of Univ. of Rajasthan & Sagar etc.; *Knows* : Sindhi, English, Hindi; *Visited* : U.K.; France, Switzerland; *Hobb* : Astrology; *Add* : Dept. of Elect. Engg., M.A. College of Technology, Bhopal.

CHAKKO, (Dr.) Kayalathu Chakko—Retired Prof. of Civil Engg. & Principal, Engg. College, Aligarh; *b* 24 August 1892 at Mallapallay (Tiruvalla) in Kerala; *Edn* : M.Sc. (Engg) in 1919, D.Sc. (Engg) in 1921 from Univ. of London, winning Medals and prizes; *Resch Exp* : For over 4 decades on Photo-elasticity (with Prof. Coker, 1917-21) and on '8 Point Problem-A New Method Discovered in 1959)'; *Pub* : Several articles on Photoelastic research and 8 point problem; *Exp* : M/s Henry Adams & Son, London, 1916-17; Demonstrator, Univ. College, London, 1920-21; Prof. of Civil Engg., 1921-35 and Principal 1936-47 of Engg. College, Madras; Principal & Prof. of Civil Engg. in several Institutions during 1945-62; *Mem* : Institution of Engineers (India) since 1926; Cosmopolitan Club (Madras), Ex-Fellow of the Royal Society of Arts (London); *Knows* : Malayalam, English, Hindi, Urdu, Kannada; *Visited* : Univ. of London, 1913-21 for research; *Hobb*: Tennis, social service; *Add*: 43, Grant Road, Bangalore-1.

CHAKRABARTI, (Dr.) Bijaykumar—Vice Principal, Prof. & Head of the Dept. of Physiology, Medical College, Calcutta since May 1963; *b* 1 March 1920 at Bogra in Bengal; *Edn*: M.Sc. (Physiology) in 1941, first class first & winner of Univ. Gold Medal, D. Phil. in 1955 from Calcutta Univ., M.D. in 1954 from Lucknow Univ ; *Resch Exp*: For 22 years; *Pub*: Practical books on 'Histology', 'Chemical Physiology', 'Experimental Physiology' besides 50 papers; *Exp*: Presidency College, Calcutta, 1946-47; Assam Medical College, Dibrugarh 1947-48; K.G. Medical College, Lucknow 1948-49; Nilratan Sircar Medical College, Calcutta 1949-63; *Mem*: Indian Medical Association, Association of Physiologists & Pharmacologists of India, Physiological Society of India, Indian Science Congress, Society of Experimental Medicine, British Medical Association, American College of Sports Medicines; *Knows*: Bengali, Hindi, Sanskrit & English; *Visited:* Many universities in U.K., as W.H.O. fellow, in 1961-62 ; *Add:* Medical College, Calcutta.

CHAKRABARTI, (Dr.) Chitra Haran—Reader in Bio-chemistry, Nagpur Univ., Nagpur; *b* March 1925 at Nagarnandi, E. Pakistan; *Edn:* M.Sc. in 1946 from Dacca Univ., Ph.D. in 1957 from Nagpur Univ.; *Resch Exp*: Ph.D. in 'Etiological factors responsible for Diabetes'; worked on the role of acetone bodies on some water soluble vitamins and nutritive value of rice polishing concentrate; *Pub:* About 30 original papers on various biochemical subjects; *Exp:* In the Dept. of Biochemistry Nagpur Univ. for past 21 years; *Mem*: Indian Science Congress, Biological Society of India, Univ. Teachers' Club; *Hobb*: Instrumental music; *Add:* 'Tryambakeswar', Chhoti Dhantoli, Nagpur-1.

CHAKRABARTI, Mukunda Chandra—Prof. & Head, Dept. of Statistics, Univ. of Bombay, Bombay since 1948; *b* 31 January 1915 at Murshidabad; *Edn*: M.Sc. (Maths) in 1937 from Dacca Univ.; *Resch Exp:* Guided many research scholars; more than 30 research papers published; *Pub*: Mathematics of Design & Analysis of Experiments'; *Exp*: Dacca Univ., 11 years; Calcutta Univ., 1 year; *Mem*: Fellow, Royal Statistical Society; Member American Statistical Association, Institute of Mathematical Statistics; Biometric Society, Calcutta Statistical Association, Indian Statistical Association; President, Section of Statistics, Indian Science Congress in 1965; *Genl:* Started the Dept. of Statistics in 1948; *Knows:* English, German, French & Hindi; *Add:* Dept. of Statistics, Bombay Univ., Bombay.

CHAKRABARTI, (Dr.) (Miss) Parul—Lecturer in Chemistry, Bose Research Institute, Calcutta-9 since March 1967; *b* 22 June 1939 at Chittagong, E. Pakistan; *Edn:* M.Sc. in 1960, D. Phil. in 1964 from Calcutta Univ.; *Resch Exp*: Since 1961 in the field of 'Chemistry of natural products'; *Pub:* 20 research papers in Indian and foreign journals; *Exp*: Joined Bose Research Institute in 1961; *Mem:* Fellow of the Indian Chemical Society, Indian Science Congress, Member of the Executive Cttee of Bangya Vijnan Parishad; *Knows*: English, Bengali & Hindi; *Hobb:* Reading literature, music; *Add:* 12, Dilkusha Street, Calcutta-17.

CHAKRABARTI, (Dr.) Rajat Kumar—Prof. of App. Mechanics, M.E. Dept., Jadavpur Univ., Calcutta-32 since 1961; *b* 1 July 1925 at Calcutta; *Edn*: M.S. in 1955 from Univ. of Washington, U.S.A., Ph.D. in 1958 from Univ. of Wisconsin, U.S.A.; *Resch Exp*: For past about 15 years; *Pub*: Ten research papers; *Honours:* Awarded Radhika Mohan Roy Scholarship by Calcutta Univ. in 1954; *Exp:* Instructor 2 years, Lecturer 6 years at Jadavpur Univ.; Asstt. Prof., Bengal Engg. College, Howrah, 2 years; Univ. of Wisconsin, U.S.A. for 2 years; *Mem*: Sigma Xi (USA), A.S.E.E. (USA), Institution of Engineers (India), Senate & Academic Council of Jadavpur Univ.; *Visited:* U.S.A. for study and research; *Hobb*: Stamp collection; *Add*: Staff Qrs., Block A/4, Jadavpur Univ., Calcutta-32.

CHAKRABARTI, (Dr.) Rajendra Mohan—Lecturer in Economics, Univ. of Burdwan, Burdwan since 1966 ; *b* 15 November 1935 at Noakhali ; *Edn* : M.A. in 1958, D.Phil. (Variations in Food Consumption in India 1920-21 to 1959-60); *Resch Exp* : For 8 years in India's food & agriculture problems ; *Pub* : 8 research papers ; *Honours* : Adima Jogeswari Memorial Medal 1951, Mahendra Nath Ray Memorial Medal 1965 ; *Exp* : F. C. College, Diamond Harbour 1959-60 ; R. K. Mission College, Narendrapur 1960-66 ; *Genl* : Left Noakhali in 1946 during communal riots, provided shelter and aid for studies by Ramakrishna Mission ; *Knows* : Bengali, English & Sanskrit ; *Hobb* : Sports, music, sightseeing etc.; *Add* : Dept. of Economics, Burdwan Univ., Burdwan.

CHAKRABARTY, (Dr.) Dwija Pada—Head, Dept. of Engg., Madhava Engineering College, Gwalior-5 since March 1966; *b* 1 November 1926 at Vill. Nartan in Dist. Sylhet; *Edn:* M.E.E. (Elect. Measurements) in 1965 from Jadavpur Univ.; *Resch Exp*: For past over 15 years; *Pub*: Two papers published and two papers read at the Indian Science Congress; *Exp:* Trainee, P&T Workshop, Calcutta-27, 1950-52; Lecturer, College of Engg. & Technology, Jadavpur Univ., 1952-54; Asstt. Prof., Engg. College, Agra, 1954-59; joined Madhav Engg. College, Gwalior, as Associate Prof. in 1959 and became Prof. in 1966; *Mem*: Chairman, Board of Studies in Elect. Engg., Jiwaji Univ.; Member, Court, Academic Council, Faculty of Engg. of Jiwaji Univ. and some other Universities of India; Member of the Institute of Measurements & Control, A.M.I.E. (India), Assoct. Member of the Institution of Telecommunication Engineers, Indian Science Congress; *Knows:* Bengali, English & Hindi; *Add:* Chandra Prasta Estate, Mall Road, Gwalior-6.

CHAKRABARTY, (Dr.) Makhan Lal—Retired Prof. of Physiology, Medical College, Calcutta; *b* June 1902 at Haldia in Dist. Dacca; *Edn:* M.Sc. (Anthr) in 1937 from Science College, Calcutta; Ph.D. in 1947 from King's College, London; *Resch Exp*: In the field of Biochemical, haematological & histopathological investigations of the 'Destitutes' in Bengal Famine, 1943-45 etc. etc.; *Pub*: Numerous research articles published in Indian and foreign journals; *Honours:* Sir Ashutosh Gold Medal, Maharaja Darbhanga Research Scholar, Coat's Medal Winner; *Exp:* Head of the Dept. of Physiology, Campbell Medical School; Officer in Charge, O.P.D., Senior H. S. Medical College; Prof. Medical College, Calcutta; *Mem:* Sectional President of Anthropology of Indian Science Congress, Fellow of Royal College of Medicine (London), Member of the Selection Board of I.C.M.R. (New Delhi), Physiological Association of India, Indian Medical Association; *Genl:* Currently part-time lecturer in Calcutta Univ. and private medical practitioner; *Knows:* Bengali & English; *Visited*: U.K. & Ireland for higher studies; *Add:* 16/2/D, Garcha 2nd Lane, Calcutta-19.

CHAKRABORTI, (Dr.) Haripada—Head, Dept. of Bengali, N. Bengal Univ., Rajarammohanpur since 1965; *b* 1912 at Madaripur in Dist. Faridpur; *Edn*: M.A. in 1939 from Univ. of Calcutta; *Resch Exp*: D.Phil. from Cal. Univ.; *Pub*: Books on 'Dasarathi-o-Tanhar Panchagi', 'Dasarathi Royer Panchal'; *Exp*: Srikail College, Srikail; City College, Calcutta; Sivanathasastri College, Calcutta; Surendranath College, Calcutta; teaching since 1941; *Mem*: Bangiya Sahitya Parishad, Calcutta; *Knows*: Bengali, English, Hindi & Sanskrit; *Add:* Dept. of Bengali, N. Bengal Univ., Rajarammohanpur.

CHAKRABORTY, (Dr.) Manindra Kumar—Scientist, Central Mining Research Station, Dhanbad, since 1959; *b* 1 February 1919 at Dacca; *Edn*: M.Sc. (Bio. Chem) in 1941 from Univ. of Dacca, D.Phil. in 1952 from Univ. of Calcutta; *Resch Exp*: For past over 25 years; *Pub*: More than 40 research papers and reviews in various scientific journals on different aspects of industrial health; *Exp*: All India Institute of Hygiene and Public Health, Calcutta, 1947-59; *Mem:* American Industrial Hygiene Association (U. S. A.), I. C. M. R., Physiological Society of India; *Knows*: Bengali, Hindi & English; *Visited*: U.S.A.; *Add:* c/o Shri R.K. Chakraborty, Tulsi Park, Balrampur, U.P.

CHAKRAVARTI, Arun Kumar—Asstt. Director & Head of the Fine Coal Preparation Section of the Central Fuel Research Institute, Dhanbad since April 1966; *b* 1 January 1927 at Calcutta; *Edn:* B.Ch.E. in 1951 from Jadavpur Univ.; *Resch Exp*: For over 17 years in the field of 'Coal preparation and beneficiation'; *Pub:* Over 45 papers, one presented at 4th International Coal Preparation Congress in U.K. in 1962; *Exp:* Central Fuel Research Institute, Dhanbad; Coal Washeries under Hindustan Steel Ltd., & N.C.D.C. & Durgal Projects Ltd.; worked in various organisations in U.K., France, Belgium, Holland, Poland, U.S S.R. etc.; *Mem:* Member of the Coal Dust Sub-Cttee of the Indian Standard Institution; *Genl*: Taken 3 patents for instruments, visited U.S.S.R. and Poland on behalf of Govt. of India to finalise technical details of two large coal washeries at Kathara and Gidi, attended U.N. European Economic Commission Conference in Poland on the transport of coal; *Knows*: English, Polish, Hindi & Bengali; *Visited:* All over Europe to study coal preparation; *Hobb*: Indian classical music, playing violin, servicing and construction of electronic gadgets; *Add:* Central Fuel Research Institute, Dhanbad.

CHAKRAVARTI, (Dr.) Bimala Pada—Assoct. Head, Dept. of Plant Pathology, Univ. of Udaipur, Udaipur since 1965; *b* 1 November 1924 at Bhagalpur; *Edn:* Assoc. I.A.R.I. (Plant Pathology) in 1952 from I.A.R.I., New Delhi; Ph.D. in 1960 from Univ. of Minnesota, U.S.A.; *Resch Exp:* For over 20 years; *Pub:* Over 35 research papers in Indian and foreign journals; *Exp*: Bihar Agricultural College, 1947-50; I.A.R.I., New Delhi, 1950-52; Agri. Resch. Institute, Sabour, 1952-56; Univ. of Minnesota, U.S.A., 1956-60; Agri. Resch. Institute, Sabour, 1961-65; *Mem:* Sigma Xi; Gamma Sigma Delta, Honour Society of Agriculture, Indian Phytopathology Society, American Phytopathology Society, National Academy of Sciences, Indian Science Congress; *Knows:* Bengali, Hindi, English, German, & French; *Visited*: U.S.A., U.K., German, France, Holland ; *Add*. Gauri Nibas, Bhagalpur.

CHAKRAVARTI, (Dr.) (Mrs.) Debi—Prof. of Chemistry, Bethune College, Calcutta-6 since May 1965; *b* 2 April 1924 at Calcutta; *Edn:* M.Sc. in 1943 from Calcutta Univ.; D. Phil. (Chemistry of Alkaloids) from Dyson Perrins Laboratory, Oxford Univ.; P.R.S. in 1950 from Calcutta Univ.; *Resch. Exp:* For past over 25 years in various fields of organic chemistry; *Pub*: About 60 research papers in Indian and foreign journals; *Honours*: Jogmaya Devi Gold Medal in 1943, Mouat Medal in 1953; *Exp:* Joined Bethune College, Calcutta in 1944 as Lecturer, became Asstt. Prof. in 1950 and Prof. in 1965; *Mem:* Fellow of the Chemical Society (London), Indian Science Congress, Fellow of the Indian Association for the Cultivation of Science, Institution of Chemists (India), Cricket Association of W. Bengal; *Knows:* English, Bengali, Sanskrit, German & Hindi; *Visited:* U.K., France, Switzerland; *Add:* P 111, Block F, New Alipore, Calcutta-53.

CHAKRAVARTI, Duhkhaharan—Ghosh Prof. of Chemistry, Calcutta Univ., Calcutta since January 1961; *b* 18 January 1903 at Calcutta; *Edn*: M.Sc. in 1926 from Presidency College, Calcutta; *Resch Exp:* For over 40 years in various capacities ; *Pub*: About 80 research papers in Chemistry journals of India and abroad; *Exp:* Lecturer, 1933-53, Registrar 1954-60 at Calcutta Univ., currently also as Dean, Faculty of Sciences of Calcutta Univ.; *Mem:* Fellow of the National Institute of Sciences of India (1949), Former Secy. and currently Treasurer of the Indian Chemical Society, Indian Science Congress, Vice-President of the Indian Association for the Cultivation of Science, Indian Science News Association; *Knows*: English, Bengali, Sanskrit & German; *Visited:* 60 universities in U.S.A. and 10 in U.K. in 1958; *Add*: Dept. of Chemistry, Calcutta Univ., Calcutta-19.

CHAKRAVARTI, K.C.—Principal, Cachar College, Silchar, Assam since 1960; *b* 1 January 1912 at Silchar; *Edn:* M.A. (Econ) in 1938, M.A. (History) in 1944 from Calcutta Univ.; *Resch Exp:* In the field of tourism; *Pub:* Books on 'Ancient Indian Culture & Civilization', 'Hindu Arabic Numerals', 'The Tourist Trade of India', etc.; *Exp:* Prof. of Economics, Sir Asutosh College, Chittagong for 6 years; Prof. of History & Economics, M.T.B. College, Surat for 11 years; *Mem:* International Association of Scientific Experts in Tourism, Switzerland; *Knows*: English, Bengali, Assamese, Hindi, Gujrati & Marathi; *Hobb*: Gardening; *Add*: Cachar College, Silchar, Assam.

CHAKRAVARTI, (Dr.) P. C.—Head, Dept. of International Relations, Jadavpur Univ., Calcutta-32 since 1956 ; b June 1904 at Silchar, Assam ; *Edn* : M.A. (Hist) in 1926, first class first and winner of Gold Medal, from Dacca Univ., Sir Ashutosh Mukherji Gold Medal in 1928 ; Ph.D. in 1928 from Univ. of London ; *Pub* : Books on 'Art of War in Ancient India', 'Studies in the early Economic History of Bengal', 'Aurobindo and the Indian Freedom Movement', 'Side-lights on the Partition of Bengal', 'India-China Relations', 'India's China Policy', 'Evolution of India's Northern Boundary' ; *Exp* : Univ. of Dacca, Rangoon, Utkal, Delhi, Visiting Prof. at Indiana Univ. (U.S.A.) and Univ. of Hong Kong ; *Mem* : Historical Records Commission, Indian Council of World Affairs, Editor of China Report; *Knows* : Bengali, English & French; *Visited*: U.K., U.S.A., Hong Kong, W. Germany; *Add* : Dept. of International Relations, Jadavpur Univ., Jadavpur, Calcutta-32.

CHAKRAVARTI, Pranab Kumar—Lecturer, Dept. of Geography, Univ. of North Bengal, Raja Rammohunpur since 1963 ; *b* 6 February 1939 at Calcutta ; *Edn* : M.A. (Geog) in 1959 from Univ. College of Science, Calcutta ; *Resch Exp* : For over 5 years ; *Pub* : 5 papers ; *Honours* : D. P. I. Scholarship holder (Govt. of W. Bengal) ; *Exp* : I.I.T., Kharagpur ; Regional Survey Unit of Indian Statistical Institute ; *Mem* : International Geographical Union, Indian Science Congress, Geographical Society of India ; *Knows* : English & Russian ; *Hobb* : Sports, hiking ; *Add* : 5/3H, Raja Manindra Road, Calcutta-2.

CHAKRAVARTI, (Dr.) Ram Narayan—Prof. of Chemistry, Calcutta School of Tropical Medicine, Chittaranjan Avenue, Calcutta-12 since 1948 ; *b* 1 August 1916 at Rewa in Central India ; *Edn :* M. Sc. in 1939, D. Sc. (Cyclic Compounds) in 1945, P.R.S. in 1948 from Calcutta Univ. ; *Resch Exp* : For past 30 years in the field of Terpenes and Camphors, Dieckmann Cyclization, Electrochemical Properties of Substituents, Sterols, Steroid Hormones, Phytochemistry, Synthetic drugs etc. ; *Pub* : About 150 research papers in Indian and foreign journals ; *Honours* : Univ. Gold Medal, H. Gossain Gold Medal, B. Mallick Gold Medal in 1939 from Cal. Univ. ; J. M. Dasgupta Gold Medal of the Indian Chemical Society ; Mouat Medal of Cal. Univ. in 1951 ; Elliot Prize of Asiatic Society in 1950 ; Cooper Memorial Medal of Institution of Chemists in 1961 ; K.G. Naik Gold Medal of Baroda Univ. in 1964 ; *Exp* : Chief Chemist, Lister Antiseptics & Dressings Co. (1928) Ltd. 1944-45 ; Joined School of Tropical Medicine 20 years ago ; *Mem* : Fellow of the Chemical Society (London), Fellow of the Royal Institute of Chemistry (London), Foreign Member of the Swiss Chemical Society, Indian Sciences, Indian Public Health Association, Fellow of the Institution of Chemists (India), Cricket Association of W. Bengal ; *Knows* : English, Bengali, Sanskrit, German & Hindi ; *Visited* : U.K., U.S.A., France, Switzerland & U. S. S. R. for research etc. ; *Hobb* : Photography, plant collection ; *Add* : P-111, Block F, New Alipore, Calcutta-53.

CHAKRAVARTI, (Dr.) Shib Chandra—Principal, Govt. Degree College, Mhow, M.P. since June 1959; *b* 1 February 1911 at Joari Rajshahi, E. Pakistan; *Edn :* M.Sc. (Agrl. Bot.) in 1933, first class first from BHU, Ph.D. (Bot) in 1951 from Agra Univ., D.Sc. in 1968 from Agra Univ.; *Resch Exp :* For past nearly 40 years in the field of Plant Physiology; *Pub* ; About 60 research papers published in Indian and foreign journals; *Honours :* Recepient of Chancellors' Gold Medal in 1933; *Exp :* BHU, 3 years; B.R. College, Agra, 6 years; Govt Hamidia College, Bhopal, 5 years; T.R.S. College, Rewa, 1 year; Govt. Degree College, Mhow, as Lecturer for 3 years; *Mem* : Indian Society of Plant Physiology, Fellow of National Academy of Sciences; *Knows* ; English, Bengali & Hindi; *Visited* : U.K. & W. Germany *Add* : 169, Pande Haveli, Varanasi.

CHAKRAVARTI, (Dr) Sibanisankar—In-charge, Dept. of Organic Chemistry, Bengal Immunity Research Institute, 39 Acharya J. Bose Road, Calcutta-17 since September 1965; *b* 1 February 1933 at Dacca; *Edn :* M.Sc. in 1958 from Bihar Univ., D. Phil. in 1964 from Calcutta Univ,; *Resch Exp* : For over 6 years in the synthetic organic chemistry; *Pub* : Three articles on Quinoline Derivatives published in the Indian Journal of Chemistry; *Honours* : Capt. N.N. Datta Memorial Scholar 1962-63; *Exp* : Science Teacher, Heycock Institution, Laheriasarai, 1951; Demonstrator, Dept. of Chemistry, C.M. College, Darbhanga, 1953-59 ; Lecturer, S. A. Jaipuria College, Calcutta-5, 1963-64; Lecturer, Acharya Prafulla Chandra College, New Barrackpore, 1964-65; *Mem* : Indian Science Congress, Indian Association for the Cultivation of Science, Immunity Scientific Association; *Knows* : Bengali, English & Hindi ; *Hobb* : Stamps; *Add* : Bengal Immunity Research Institute, 39, Acharya Jagdish Bose Road, Calcutta-17.

CHAKRAVARTY, (Dr.) Jagannath—Lecturer in English, Jadavpur Univ., Calcutta-32 since 1961; *b* 12 August 1924 at Jessore, E. Bengal ; *Edn* : M. A. in 1945 from Calcutta Univ. winning Ragina Sinha Gold Medal; *Resch Exp :* For over 5 years; *Pub* : Several research papers and articles on English literature, especially Shakespeare published in journals; *Exp :* For over 13 years as Head, Dept. of English, Darjeeling Govt. College, Darjeeling and Asstt. Prof., W. Bengal Educational Service; *Mem:* Modern Languages Association (U.S.A.), All India English Teachers Association, Translators Circle (Calcutta) ; *Genl :* A modern Bengali poet and literary critic; *Knows :* Bengali, English, Sanskrit, Hindi, Oriya, French, German, Italian & Russian; *Hobb :* Gardening and instrumental music; *Add :* Dept. of English, Jadavpur Univ., Calcutta-32.

CHAKRAVARTY, (Dr.) Kshitindra Mohan—Retired Scientist; *b* 1 May 1900; *Edn :* M.Sc. in 1925, D. Sc. (Fuel Technology and Industrial Catalysis) in 1941 from Dacca Univ.; *Resch Exp:* For 8 years guided Ph.D. students in Fuel Technology at Dacca Univ. and carried extensive research work in the fuel technology; *Pub :* Several articles on Fuel Technology

Exp : Dacca Univ., 1941-48; Chief Chemist, Sindri Fertilizer Factory, 1948-58; Principal, J. C. College, Silchar 1959-60; Retired as Scientist for Research of C. S. I. R. in 1961; *Mem :* Fellow of the Institute of Fuel (London) (1939), American Institute of Chemical Engineers (since 1943), Indian Standards Institution since 1947; Formerly member of the Board of Studies in Chemical Engg. & Chemical Technology (Govt. of India); Member of the General Council of the Indian Standards Institutions; Member of the Indian Technical Mission sent by the Govt. of India to negotiate purchase & erection of Fertilizer Factory at Sindri; *Genl :* The British Coal Utilization Research Association sought his co-operation in a scheme for preparing synthetic oil from coal; *Add:* 273, Kanke Road, Ranchi.

CHAKRAVORTY, (Dr) Animesh—Lecturer, Dept. of Chemistry, I.I.T., Kanpur since December 1964; *b* 2 June 1935, at Mymensing in East Pakistan; *Edn :* M.Sc. in 1957, D.Phil. in 1961 from Calcutta Univ. ; *Resch Exp* : Guiding Research students; did extensive work on magnetic and spectroscopic properties of transition metal compounds ; *Pub* : 30 research papers in various international journals; co-author of Chapter 3 in 'Progress in In-organic Chemistry' Vol. 7, Interscience Publishers (U.S.A.); *Exp* : Vidyasagar College, Calcutta 1958-61; *Mem* : Chemical Society (London), Association of Magnetic Resonance Spectroscopists (India); *Knows* : Bengali, English, Hindi & German; *Visited* : U.S.A., 1961-64, as Research Associate & Fellow at Massachusetts Institute of Technology & Harvard Univ. ; *Hobb* : Writing popular scientific articles in Bengali; *Add*: Dept. of Chemistry, I.I.T., Kanpur.

CHAKRAVORTY, (Dr) Janendra Gopal—Dept. of Maths., Univ. College of Sciences, Calcutta Univ., Calcutta; *b* 1 February 1926 at Ulipur in Dist. Rangpur; *Edn :* M.Sc. (App. Maths.) in 1950, D. Phil. in 1956 from Calcutta Univ.; *Resch Exp* : In the field of 'Mathematical theories of Elasticity' since 1952; *Pub* : Several articles on 'Propagation of shock waves in a non-homogeneous Elastic medium' and other problems of elasticity; *Honours* : Awarded Griffith Memorial Prize of the Cal. Univ. in 1958; Received Sir Asutosh Mukherjee Medal in 1961; *Exp* : Bangabasi College, Calcutta; *Knows* : English & German; *Visited* : Brown Univ., U.S.A.; *Add* : Univ. College of Sciences, Calcutta.

CHALIHA, Parag—Prof. & Head, Dept. of Assamese, Dibrugarh Univ. since April 1968; *b* September 1924 at Dibrugarh; *Edn* : M.A. (Assamese) in 1946, LL.B. in 1947 from Calcutta Univ.; *Resch Exp :* Worked on 'Dance and Music of Assam'; *Pub* : Books on 'Chari Hejar Bacharar Assam', 'Outlook on Nefa', 'Simantar Sambhed' besides delivering Presidential addresses at various occasions; *Exp* : At Sibsagar College 1947-68; *Mem* : Genl. Secy., 1956-57, Vice President, 1962-64 of Assam Sahitya Sabha; Genl. Secy., Assam Sangeet Natak Akademi, 1962-67; Member of General Council (Central) of Sangeet Natak Akademi, New Delhi since 1967 ; Ex-President, Assam Colleges Teachers Association; Ex-President, Assam College Principals Council; Executive Councillor of Gauhati & Dibrugarh Universities; Ex-Member, Board of Directors of Life Insurance Corporation of India, Bombay 1962-66; Ex-Chairman of the Eastern Zonal Advisory Board of Life Insurance Corpn. of India, Calcutta 1965-66; Ex. Director, W. Bengal Financial Corporation, Calcutta, 1964-67; Consultant, Films Division, Govt. of India, 1963-66 etc.; *Knows* : Assamese, Bengali, Hindi & English; *Hobb* : Collection of select sayings, music & drama, reading newspapers & journals; *Add* : Melachakar, P.O. Sibsagar.

CHAND MAL—Prof., Dept. of Civil Engg., Roorkee Univ., Roorkee since August 1962 ; *b* 7 April 1911 at Delhi ; *Edn* : C. E. (Hons) in 1933 from Thomson Civil Engg. College, Roorkee ; *Exp* : Principal, Kanhyalal Technical Institute, Roorkee, 4 years ; Dean of Students, Regional Engg. College, Srinagar, 1½ years ; General Manager, National Emporium, Roorkee, 10 years ; Senior Officer, Associated Cement Co. Ltd., Bombay, 3 years ; Senior Officer of Indian Civil Service of U.P. 7 years ; *Mem* : President, Staff Association of Roorkee Univ. ; *Visited* : U.K. for I. C. S. training ; *Knows* : Urdu, Hindi & English ; *Hobb* : Photography, bridge, gardening, literature etc. ; *Add* : 64/2, Univ. of Roorkee, Roorkee.

CHANDAK, Ghanshyamdas Narayandas—Principal, Nabira Mahavidylaya, Katol since May 1967 ; *b* 9 October 1932 at Pulgaon in Dist. Wardha ; *Edn* : M. Com. in 1956 from G. S. College of Commerce, Wardha ; *Exp* : S. N. College, Khandwa, 1956-63 ; Govt. Degree College, Seoni, 1963-64 ; S. P. Arts & Commerce College, Pulgaon, 1964-67 ; *Mem* : Board of Studies in Business Admn. & Faculty of Commerce in Univ. of Nagpur ; All India Commerce Association, Vidarbha Commerce Association ; *Knows* : Marathi, Hindi & English ; *Hobb* : Social and political work, reading ; *Add* : Nabira College, Katol, M.P.

CHANDI, Panavelil Thomas—Vice Chancellor, Gorakhpur Univ., Gorakhpur since March 1968 ; *b* 24 August 1907 at Mavelikara, Kerala ; *Edn* : M.A. (Maths) in 1928 from H.H. Maharaja's College of Science, Trivandrum ; M. Sc. (App. Maths) in 1935 from Univ. of London ; *Pub* : Two books on Mathematics besides many articles on education ; *Honours* : Awarded Padmashri by the President of India for his illustrious service in the field of higher education ; *Exp* : Andhra Christian College, Guntur, 1928-33 ; St. John's College, Agra, Principal, 1935-43, 1949-52 and 1955-68 ; Forman Christian College, Lahore, 1943-49 ; St. Andrew's College, Gorakhpur, 1952-55 ; *Mem* : U. G. C. Cttee on College Education, Residential Education & Student Welfare ; Chairman, National Board of Christian Higher Education in India ; Association of Christian Colleges of India ; *Knows* : English, Hindi, Sanskrit, Malayalam & German ; *Visited*: U.K. 1962, U.S.A. 1954 and 1958, on lecture tour ; *Hobb* : Reading ; *Add* : Univ. of Gorakhpur, Gorakhpur.

CHANDRA, (Dr.) K. Rishabh—Senior Research Officer, L. D. Institute of Indology, Ahmedabad ; *b* 28 June 1931 at Palri in Rajasthan ; *Edn* : M.A. (Pali & Prakrit) in 1954 from Nagpur Univ., Ph.D. (Jainology & Prakrit) in 1963 from Bihar Univ. ; *Resch Exp* : For 6 years ; *Pub* : Several works on topics like sources, date, cultural importance, influence, geographical places, tribes etc. of Paumacariyam ; *Exp* : Nagpur Mahavidyalaya, Nagpur one year ; for past 6 years at Gujrat Univ. ; *Knows* : English, Hindi, Sanskrit, Pali, Prakrit & Gujrati ; *Add* : L.D. Institute of Indology, Ahmedabad-9.

CHANDRAN, Yerramilli Sri Rama—Principal, Hindu College, Guntur since September 1964 ; *b* 19 September 1910 at Rajahmundry ; *Edn* : M.A. (English) in 1936, LL.B. in 1937 from BHU ; *Pub* : Over 200 articles published in magazines like Carvan, Bhawan's Journal, Swarajya, Swatantra, The Hindu, The Aryan Path, Triveni, Mysindia etc.; *Exp*: Hindu College, Masulipatam, 1938-40; Andhra Christian College, Guntur 1940-42 ; joined Hindu College, Guntur, in 1942; *Mem*: Senate & Academic Council, Andhra Univ.; *Hobb:* Writing; *Add:* Hindu College, Guntur.

CHANDRASEKARAN, (Dr.) A.R.—Prof. of Structural Dynamics, School of Research & Training in Earthquake Engineering, Univ. of Roorkee, Roorkee since 1965; *b* 22 December 1935 at Madras; *Edn:* M. Tech. in 1957 from I.I.T., Kharagpur; Ph.D. (Structural Dynamics) in 1964 from Univ. of Roorkee; *Resch Exp:* Guiding Ph.D. students; *Pub:* Over 30 papers in Indian and foreign journals; *Honours:* Awarded Khosla Research Incentive Award; *Exp* Joined Univ. of Roorkee in 1965; *Mem:* American Society of Civil Engineers, Indian Society of Earthquake Technology; *Knows:* English, Tamil, Hindi; *Visited;* U.S.A. for advanced training; *Hobb:* Photography; *Add:* School of Research & Training in Earthquake Engineering, Roorkee.

CHANDRASEKHAR, B.S.—Principal, Govt. Polytechnic, Moradabad, since August 1967; *b* 8 May 1928 at Bangalore; *Edn*: B.E. in Civil Engg. in 1952 from B.M.S. Engg. College, Bangalore; *Resch Exp:* In the field of Irrigation, Public Health Engg., Rural Housing and Village Sanitation; *Pub:* Books on 'Towards Rethinking in Rural Housing,' 'Rural Sanitation work in India', besides ten papers in reputed journals; *Exp*: Mysore P.W.D. 1952-53, Engineer in Bombay P.W.D. 1953-60; Principal, Vidya Bhawan Rural Institute, Udaipur, 1960-65; Officer-in-Charge, Rural Housing, School of Planning & Architecture, New Delhi, 1965-67; *Mem:* Advisory Cttee on Rural Housing, Govt. of

India; former President of Karnatak Sangh at Bhavnagar & Udaipur; *Genl:* Practically worked in almost every State of India; *Knows:* English, Hindi, Kannada, Gujrati & Marathi; *Hobb:* Writing, public speaking, music and fine arts; *Add*: C/o Shri C.S. Seetha Ramaiah, Shamubhog, P.O. Chinkurli, Via Pandavapura Railway Station, Mysore State.

CHANDRASEKHAR, (Dr.) G.R.—Prof. of Pharmacology, Karnatak Medical College, Hubli since 1963; *b* 2 July 1924 at Bangalore; *Edn:* Ph.D. in 1961 from Univ. of Illinois, U.S.A.; *Resch Exp:* Since 1951; *Pub:* About 15 research papers; *Exp:* Indian Institute of Science, Bangalore; Indian Institute of Communicable Diseases, Delhi; Medical Colleges at Mysore, Bangalore, & Bellary; *Mem*: Indian Association of Physiology & Pharmacology, Indian Medical Association; *Knows:* English, German, French, Kannada, Hindi, Telugu & Tamil ; *Visited:* Chicago Professional Colleges, Chicago, U.S.A. for Ph.D.; *Add:* 56, Jummamusjid Road, Bangalore-2.

CHANDRASEKHAR, (Dr.) Sripati—Minister of Health & Family Planning, Govt. of India, New Delhi since March 1967; *b* 22 November 1918 at Rajahmundry; *Edn:* Honours Degree in Economics in 1938 from Madras Presidency College, Madras; M.Litt. in 1939 from Univ. of Madras; Ph.D. from Univ. of New York in Demographic Studies; *Exp:* Univ. of Pennsylvania, U.S.A. for one year; Indian Demographer in Strategic Services, U.S.A.; Lectured throughout America for India's political freedom under the Pearl Buck's East & West Association; Head, Dept. of Economics, Univ. of Annamalainagar 1947; Director, Demographic Research, Paris, UNESCO 1948-1950; Started Indian Institute for Population Studies in 1950; Head, Dept. of Economics, Univ. of Baroda, 1951-55; London School of Economics, London, 1953-55; since 1956 Director of the Indian Institute of Population Studies; *Mem:* Delegate to the International Conference on Agricultural Economics, Paris, 1947; Unesco Delegate to the International Conference on World Population and Resources U.K., 1948; British Empire Universities Congress, U.K., 1948; World Federation on UN Associations, Switzerland, 1948; International Family Planning Conference, Bombay, 1952; International Conference on Planned Parenthood, Stockholm, 1953; UN World Population Conference, Rome, 1954; International Conference on Population & Family Planning, Tokyo, 1955; International Economic Association Seminar on Migration, Austria, 1955; International Statistical Conference, New Delhi, 1956; U.N. Seminar on Population Census and Vital Statistics, Bombay, 1960; and other numerous conferences under the United Nations; *Pub:* Books on 'Asia's Population Problem', 'American Aid and Indian Economic Development', 'Communist China Today , 'Red China—An Asian View', 'China's Population Problems', China's Population: Census & Vital Statistics', 'A Decade of Mao's China', 'Infant Mortality in India', besides numerous Reports on demographic problems; several lectures delivered in Indian and foreign Universities on India's population problems; *Visited:* Toured throughout world several times; *Add:* Minister of Health & Family Planning, Govt. of India, New Delhi.

CHANDRASEKHARA, (Dr.) T. C.—Surgeon & Vice Dean since 1964, Prof. & Head, Dept. of Surgery, Medical College, Bellary since 1966; *b* 5 February 1916 at Tarikere in Dist. Chikmagalur; *Edn:* D.A.B.S. in 1960 from American College of Surgeons (U.S.A.); *Exp:* For 27 years in the Mysore Medical Department; Medical College, Mysore 1960-63; *Mem:* Indian Medical Association, British Medical Association, The Indian Association for the Advancement of Medical Education; *Knows:* English & Kannada; *Visited*: Worked in various Institutions as Resident in General Surgery before taking up D.A.B.S. exam.; *Hobb:* Gardening; *Add:* 181, IVth Main Road, Chamarajapet, Bangalore-18.

CHANDRASEKHARAN, E.C.—Prof. of Soil Mechanics & Foundation Engg., College of Engineering, Madras—25 since May 1964; *b* 28 September 1924 at Erode in Dist. Coimbatore ; *Edn :* M. S. E. in 1950 from Princeton Univ., U S. A.; *Resch Exp*: For past over 15 years in soil mechanics; *Pub:* Seven papers; *Exp :* Research Fellow, Winterkorn Road Research Institute, Princeton, U.S.A. 1950-51; Asstt. Engr., Soil Research Laboratory, Highways Dept., Madras. 1951-55 and Divisional Engineer from 1955-64; *Mem*: Association of Madras State Highway Engineers, Indian Roads Congress, Indian National Society of Soil Mechanics & Foundation Engg., Institution of Engineers; *Knows:* Tamil, Hindi & English; *Visited:* U.S.A. & U.K. for research and study; *Add:* 95, Easwaran Koil Street, Erode, Madras State.

CHANDRASEKHARAN, K.P.—Prof. of Pathology, Madras Veterinary College, Madras since 1942; *b* 8 June 1918 at Tellicherry, Kerala State; *Edn*: M.Sc. (Vety) in 1960 from Univ. of Missouri, U.S.A; *Resch Exp:* For over 25 years; *Pub:* About 50 research papers in Indian and foreign journals; *Exp*: Madras Veterinary College, Madras; Indian Veterinary Research Institute, Mukteshwar & Izzatnagar; *Knows:* Malayalam, Tamil, Telugu & English ; *Visited:* Several universities & Armed Forces Institute of Pathology, Washington in America; Veterinary Institutes in U.K. & Switzerland; *Hobb:* Photography; *Add*: Madras Veterinary College, Madras.

CHANDRATREYA, G. L.—Principal, Institute of P. G. (Evening) Studies, Univ. of Delhi, Delhi since 1959; *b* 18 November 1911 at Nasik, M.S.; *Edn:* M.A. (Maths) in 1933 from Bombay Univ., B.A. (Maths) in 1935 & M.A. (Maths) in 1945 from Cambridge Univ.; *Resch Exp:* Guided several Ph.D. students in mathematics ; *Pub* : Books on 'Higher Algebra, 'Elementary Mechanics', 'Calculus', 'Plane Geometry', 'Loci Connected with Conicoids', besides several research articles in reputed journals ; *Exp* : Head, Dept. of Maths., Poona Univ., 1951-53 ; Prof. & Principal Willingdon College, Sangli 1954-59 ; Prof. & Head, Maths Dept., Fergusson College, Poona, 1937-54 ; *Mem :* Treasurer, Indian Mathematical Society, 1955-59; Sectional Secy. & Recorder, Indian Science Congress, 1952-53 ; Treasurer, Society of Mathematical Sciences since 1966 ; Member of various Univ. bodies; *Knows* : Marathi, Hindi, English, Gujrati, French ; *Visited* : U.K. & U.S A.; *Add :* Institute of P.G. (Evening) Studies, Univ. of Delhi, Delhi-7.

CHANDY (Dr.) Jacob—Principal & Head of the Dept. of Neurological Sciences, Christian Medical College & Hospital, Vellore since 1962; *b* 23 January 1910 ; M.B.B.S. from Madras Medical College, Madras in 1936; Internship & Residency, Madras Medical College, 1936-39; *Exp :* Surgeon-in-Charge, Mission Hospital, Bahrain, 1939-44; Univ. of Pennsylvania, U.S.A. 1944-45; Montreal Neurological Institute, 1945-48; Univ. of Chicago, 1948; Assoct. Prof. 1949-54, Prof. 1954, Medical Supt. 1954-62 at Christian Medical College Hospital, Vellore; *Mem* : Fellow of American College of Surgeons, International College of Surgeons, Indian Academy of Sciences, Indian Academy of Medical Science, International College of Angiology; Represented India in the 4th International Congress of Neurology & Neurosurgery in Paris in 1949, its Vice-President during its session in Lisbon in 1953, Travel Fellowship of Rockfellor Foundation in 1953; Member, Medical Mission to Lebanon, International League against Epilepsy, American Academy of Neurology, American Neurological Association, British Neurosurgical Society, Australian Neurological Society; Founder President of Neurological Society of India; Member of Association of Surgeons of India, Indian Medical Association; Leader, WHO Medical Educational Study Tour in S.E. Asia in 1964; Padma Bhushan in 1964, delivered Sardar Patel Memorial Lectures in December 1967; Member, Congress of Neurological Surgeons (U.S.A); Editor, Indian Journal of Medical Education; *Visited :* U.K., U.S.A., Canada, Ceylon, U.S.S.R., Japan, Mexico, Vienna, Australia, Lebanon, Arabian Gulf, Bangkok etc. *Add*: C.M.C. Hospital, Vellore.

CHARAN, (Dr.) Virendra—Reader in Mech. Engg., Univ. of Roorkee, Roorkee since January 1967; *b* 13 October 1938 at Mirzapur; *Edn*: M.E. in 1961 with Univ. Gold Medal from Univ. of Roorkee; Ph.D. (Refrigeration) in 1967 from Univ. of London; *Resch Exp* : For 4 years on 'Two-phase non-equilibrium flow of dichloro-difluoromethane through nozzles'; *Pub*: A few research papers in Indian journals; *Exp:* M.B.M. Engg. College, Jodhpur; *Mem*: Institute of Refrigeration (London); *Knows*: English, Hindi; *Visited*: U.K.; *Hobb:* Photography; *Add*: c/o Mr. R.C. Saxena, 311, Gopalganj, Orai, U.P.

CHATTERJEA, (Dr.) Jnanendra Nath - Head, Dept. of Chemistry, Patna Univ., Patna since 1965; *b* 19 September 1923 at Patna; *Edn*: M.Sc. (Chem) first class first from Science College, Patna; D. Phil. in 1949 from Dyson Perrins Lab., Oxford; D.Sc. in 1959 from Patna Univ ; *Pub:* About 80 papers on oxygen, nitrogen, heterocycles, thio-indigoids; *Honours :* Das Gupta Medal of Indian Chemical Society, Royal Society-Nuffield Foundation Bursar 1963; *Exp:* Since 1949 in the Dept. of Chemistry, Patna Univ.; *Mem :* Fellow of Royal Institute of Chemistry (London), Institute of Chemists (India), Indian Chemical Society; *Knows :* German, Hindi, Bengali & English ; *Visited :* U. K., 1946-49, 1963-64 for research work; *Hobb :* Gardening & Tennis; *Add :* Dept. of Chemistry, Patna Univ., Patna.

CHATTERJEA, (Dr.) Jyoti Bhusan—Prof. of Haematology & Director, School of Tropical Medicine, Calcutta since 1966; *b* 16 February 1919 at Calcutta; *Edn :* M.D. in 1949 from Univ. of Calcutta; *Exp:* Prof. of Haematology, School of Tropical Medicine, Calcutta. 1955-56; *Resch Exp :* In the field of nutritional anaemias, hereditary disorder of haemoglobin and red cell enzymes; *Pub :* Over 300 articles in Indian and foreign journals; *Mem :* Councillor to International Society of Haematology, International Society of Blood Transfusion, Asian & Pacific Society of Haematology; Represented India in many International Congreses and Symposia; Presided over the Scientific Sessions of International Congresses of Haematology and of Blood Transfusion in Tokyo (1960), Stockholm (1964), Sydney (1966) ; President of the Indian Society of Haematology (1963 & 1964) ; Chairman, Haematology Expert Group, I.C.M.R., Fellow, National Institute of Sciences; Indian Academy of Medical Sciences; Fellow of the State Medical Faculty of W. Bengal; Fellow, College of Pathologists (London); President, Indian Association of Pathologists; *Add :* 116, Block B, Lake Town, Calcutta-55.

CHATTERJEE, (Dr.) Ambarnath - Dept. of English, Saugar Univ. since 1954 ; *b* at Calcutta; *Edn:* M.A. (English) in 1947, D. Phil. from Calcutta Univ.; *Resch Exp*: Worked on Lawrence Sterne, 18th century English novelist; *Pub :* Several papers in reputed journals; *Exp :* B. R. College, Agra 1949-54; *Mem* : Indian Association for English Studies; *Knows* ; Bengali, Hindi, Sanskrit & English; *Add :* Dept. of English, Univ. of Saugar, Sagar.

CHATTERJEE, (Dr) Amiya Bhusan—Prof. & Head, Dept. of Geography, Presidency College, Calcutta since 1964; *b* 16 September 1921 at Calcutta; *Edn* : M.Sc. (Geog) in 1945 from Calcutta Univ.; Ph.D. (Urban Geog) from London Univ.; *Resch Exp* : for 20 years; *Pub* : Over 30 papers on geography of W. Bengal etc.; *Exp :* Calcutta Univ. 3 months, B.H.U. 1 year; Central Calcutta College, Calcutta 3 months; for past 20 years at Presidency College, Calcutta and Head of Geography Dept. also during 1955-58; *Mem* : Secy., Asstt. Secy. and Member of Geographical Society of India at several occasions; Indian Science Congress, Geological Institute of Presidency College, Indian Council of Geographers, member of various bodies in Viswa-Bharati, Calcutta, Patna & BHU Universities; formerly member of Governing Body of Presidency College; *Knows :* Bengali, English, Hindi & Oriya; *Visited* : Universities of London, Leeds, Manchester, Oxford, Cambridge, Edinburgh, Aberdeen in U.K. during 1958-61; *Hobb* : Travelling and stamp collection; *Add :* Presidency College, Calcutta.

CHATTERJEE, (Dr) Amiya Kumar—Principal, Birla Institute of Technology, Ranchi since 1962; *b* 31 August 1913 at Feni in E. Pakistan, *Edn* : M.Sc. (Elec. Engg.) 1946 from Cornell Univ, U.S.A.; Ph.D. (Elec. Engg.) in 1948 from Univ. of Illinois, U.S.A.; *Resch Exp* : Two U.S. Airforce Research Projects in 1947-48 and 1956-57; Guiding research students of various universities, *Honours* : Merit Scholarship 1933-35, Watumall Foundation Scholar 1945-48; Asok Memorial Gold Medal; H.C. Guha Medal; *Pub* : Numerous articles in Indian and foreign journals; *Exp :* Basanti Cotton Mills Ltd., Calcutta, 1935; Patna Electric Supply Co., Patna, 1938; Ferranti Ltd., Manchester, U.K., 1938-

1939; British India Electric Construction Co. Ltd., Calcutta, 1940-41; Electrical Test Lab., Calcutta, 1944-45; During 1941-44 established own firm of Electrical Consultants for remodelling of Electric Siren Motors (U.S. Make); Bora United Broadcasting Co., Cleveland, Ohio U.S.A. 1949; College of Engg. & Techy., Jadavpur 1935-44; Univ. of Illinois, 1947 48; Vice Principal & Head, Elect. Dept., Birla Engg. College, Pilani 1949-55 and from 1955-61; Univ. of Illinois, U.S.A. in 1956-57 as Visiting Professor; Vice Principal & Head of Research Dept., Birla Institute of Technology, Ranchi 1961-62; *Genl*: Worked on 'Design and manufacture of Electrical Motors, transformers and measuring instruments, Gaseous Electronics etc.; *Mem*: Senior Member, American Institute of Electrical & Electronic Engineers; Institution of Engineers (India); Institution of Electrical Engineers (U.K.); Sigma, U.S.A.; Eta Kappa Na, U.S.A.; Member of Senate, Syndicate, Academic Council, Faculty of various Universities like Rajasthan, Ranchi, Baroda, Aligarh etc.; *Knows*: English, Hindi, Bengali etc; *Visited*: U.S.A., U.K. and other several countries of Continent; *Add*: P-59, Block 'D' New Alipore, Calcutta-53.

CHATTERJEE, Amiyangshu—Research Scholar, Cytogenetics Lab., Dept. of Botany, Calcutta Univ., Calcutta-19; *b* 1 January 1940 at Calcutta; *Edn*: M.Sc. (Botany) in 1963 from Calcutta Univ.; *Resch Exp*: Working on different problems of cell biology; *Pub*: several research papers; *Honours*: H.N. Mitra Prize 1959, won many medals in easy competition; *Exp*: Teacher in Sewli High School, Barrackpore 1961; *Mem*: Indian Science Congress, Indian Society for Cytologists and Geneticists; *Knows*: Bengali, English, Sanskrit & Hindi; *Add*: Cytogenetics Lab., 35 Ballygunge Circular Road, Calcutta-19.

CHATTERJEE, Arun Kumar—Principal, Sir Jamshetji Jeejibhai College of Architecture, Bombay; *b* 2 April 1927 at Nagpur; *Edn*: M. Arch. in 1961 from Remselaer Polytechnic Institute, New York; *Pub*: on 'Regional Studies for Residential Planning for Bombay & Suburbs', 'India's Quest for Public Authority Housing'; *Exp*: Lecturer of Arch., Govt. Polytechnic, Nagpur; *Mem*: Associate of Indian Institute of Architects (Bombay), Associate of Royal Institute of British Architects; *Knows*: English, Hindi, Marathi, Bengali; *Visited*: U.S.A., France, U.K.; *Hobb*: Photography & painting; *Add*: Sir J.J. College of Architecture, Bombay-1.

CHATTERJEE, (Dr.) Bajra Kumar—Retired Superintending Anthropoligst, Dept. of Anthropology.Govt. of India; *b* 2 January 1904 at Calcutta; *Edn*: M.Sc. (Anthr) in 1928 from Calcutta Univ.; Dr. es. Sc. (Etat) in 1937 from Serbornne Univ., Paris; *Resch Exp*: In the field of Physical Anthropology, prehistoric archaeology, somatic characters of hill tribes of Kerala, discovered Microlithic sites in Gujrat; *Pub*: several original papers on many subjects including comparative study and racial analysis of the prehistoric human remains of Harappa, Lothan and Adittanallur etc.; *Honours*: Annandale Medal from A.S.B. in 1963-64; *Exp*: Dept. of Anthropology, Govt. of India, 1950-59; Dept. of Anthropology, Calcutta Univ., 1960-68; *Mem*: Sectional Secy., Council of International Congress in Anthropology and Ethnology in 1939; President of Section of Anthropology and Archaeology of 42nd Session of Indian Science Congress in 1955; *Knows*: English, French, German & Sanskrit; *Visited*: Europe, Italy, France, Germany, Czechoslavakia in 1934-37 for research; *Add*: 60/1/B, North Chakraberia Road, Calcutta-20.

CHATTERJEE, (Dr.) Bishna Bandhu—Head, Dept. of Psychology & Education, Gandhian Institute of Studies, Varanasi since January 1966; *b* 3 October 1922 at Varanasi; *Edn*: M.Sc. (Chem) in 1943 from BHU; M.A. (Psy) in 1959 & Ph.D. in 1960, Univ. of Illinois, U.S.A.; *Resch Exp*: For over 16 years; *Pub*: Book on 'Studies in Community Development, Panchayati Raj & Co-operation' besides about 70 research papers on various educational subjects; *Exp*: Vidya Bhawan Teachers College, Udaipur, 4½ years; Univ. of Michigan, U.S.A., 1 year; Balwant Rajput College, Agra, 1 year; National Institute of Community Development, Dehra Dun, 2½ years; *Mem*: Indian Academy of Applied Psychology, American Psychological Association (U.S.A.); *Knows*: English, Bengali & Hindi; *Visited*: U.S.A.; *Hobb*: Hitch-hiking, plays and games etc.; *Add*: Gandhian Institute of Studies, Rajghat, Varanasi.

CHATTERJEE, (Dr.) Biswanath—Asstt. Prof. in Elect. Comm. Engg., I. I. T., Kharagpur since 1954; *b* 3 October 1929 at Calcutta; *Edn*: M. Sc. in 1951 first class first from Institute of Radio Physics & Electronics, Calcutta; Ph. D. in 1959 from I.I.T., Kharagpur; *Resch Exp*: For past 18 years; currently in-charge of a defence research scheme; *Pub*: Five books & about 40 research papers in different fields of electronics; *Honours:* Gold Medal in M. Sc.; *Exp*: Started at I.I.T., Khargapur in 1951; with 509 Army Base Workshop, Agra for two months in 1958; Servo Corpn. of America U.S.A. for one month in 1960; *Mem*: Asset. Member of Institute of Telecommunication Engineers, Fellow of Indian Physical Society; *Knows*: English, Bengali, Hindi & French; *Visited*: U.S.A. in 1959-60 to specialise in automatic feedback control systems; *Add*: Dept. of Elect. Comm. Engg., I.I.T., Kharagpur.

CATTERJEE, (Dr.) Brojo Mohan.—Prof. & Head of Opthalmology, Nilratan Sircar Medical College, Calcutta-14 since January 1961; *b* 10 July 1913 at Mollarpur in Dist. Birbhum; *Edn:* M.B.B.S. in 1938, D.O.M S. in 1950 from Calcutta Univ.; D.O. in 1952 from Institute of Opthalmology, London; F.R.C.S. in 1953 from Royal College of Surgeons, Edinburgh, U.K.; F.R.C.S. in 1953 from Royal College of Surgeons, London; *Resch Exp:* In the field of 'Keratometric study before and after cataract operation', 'Dark adoptation', 'Change of accommodation with age', 'Clinical & pathological aspects of chronic Dacryocystitis'; *Pub:* About 30 research articles in Medical journals; *Exp:* Registrar, 1945-47, Resident Surgeon, Eye Infirmary, Medical College, Calcutta, 1948-50; Asstt. Prof., Institute of P.G. Medical Education & Research, Calcutta, 1957-58, Associate Prof., 1959-60; *Mem:* All Indian Opthalmological Society, Opthalmological Society of Bengal, India Association for the Advancement of Medical Education, National Society for the Prevention of Blindness, Indian Medical Association, Calcutta Medical Club; *Knows:* English, Bengali; *Visited:* U.K. & Switzerland, Austria for research work; *Hobb:* Books on crime; *Add:* P-86, C.I.T. Manictola Scheme VI, P.O. Kankurgachi, Calcutta-55.

CHATTERJEE, (Dr.) Hemendra Nath—Retired; *b* 11 August 1904 at Chapra, Bihar; *Edn:* M.B. M.D. from Calcutta Univ; *Resch Exp:* In the field of Hematology, Treatment & Pathology of Anaemia of Pregnancy, Serology of Syphilis, Parasitology of Intestines, Cholera etc.; *Pub:* Many of original contributions incorporated in the standard text books and reference books throughout world; book on 'Studies in the dimensions of Erythrocytes of Man'; books on Bengali poetry like 'Tara O Phul', 'Naba Meghdoot', 'Jugasondhi' etc.; Bengali prose writings, Bengali songs and various books; *Honours*: Darbhanga Research Scholarship, Griffith Prize, Ghosh Travelling Fellowship, State Scholarship, 'Banglar Charan Kavi' in 1953; *Exp*: Lecturer, R. G Kar Medical College, 11 years; National Medical College, Calcutta 10 years; *Mem*: Fellow of the Royal Society of Tropical Medicine & Hygiene; Member Federation of American Societies of Experimental Biology, American Association of Immunologists, Microbiological Society of America, Indian Medical Association, member governing body of Bangiya Sahitya Parishad, President of All India Ex. Revolutionaries Association; *Knows*: Bengali, English, Sanskrit, Hindi, Urdu, French & German; *Visited:* U.S.A. in 1947-1948, Ireland, U.K., France, Germany, Italy, Egypt, Canada etc; *Sports:* Several trophies in Football, cricket, boxing, volleyball and rifle shooting; *Add*: 9, Romes Mitter Road, Bhowanipore, Calcutta-25.

CHATTERJEE, (Dr.) Kanti Pada—Head, Biology Division, East India Pharmaceutical Works Ltd., Calcutta since 1965; *b* 29 May 1932 at Baidyanathdham in Bihar; *Edn*: M. Sc. (Chem) in 1952, D. Phil. in 1957 from Calcutta Univ.; *Resch Exp*: For the past 12 years in the field of protein nutrition, carbohydrates and lipid metabolism, properties of aminopeptidase, microbiology etc., *Pub*: 12 research papers in Indian & foreign journals; *Exp*: Presidency College, Calcutta 1953-59; Institute for Biochemistry, Vienna, 1959-60; Research Division, East India Pharmaceutical Works, Calcutta, 1960-64; *Mem*: Fellow of the Institution of Chemists (India), Fellow of Royal Institute of

Chemistry (London); *Honours:* Senior Research Fellowship of C.S.I.R. 1957, State Scholarship of Govt. of Austria 1959; *Genl*: Invited by the German Academy of Science (Berlin) to take part in a Symposium in 1967 but could not undertake the trip; *Knows*: Bengali, Hindi, English & German; *Visited:* Austria; *Hobb*: Indian & Western music; *Add*: c/o East India Pharmaceutical Works, 119, Biren Roy Road West, Calcutta-8.

CHATTERJEE, (Dr.) Madhab Lal—Prof. of Pharmacology & Dy. Director, School of Tropical Medicine, Calcutta since 1955; *b* 28 May 1909 at Calcutta; *Edn*: D. Phil. (Pharmacology) in 1954 from Oxford Univ., U.K.; *Resch Exp*: For over 30 years; *Pub*: 6 papers in foreign journals, 94 papers in Indian journals; *Exp*: Provincial Drugs Control Laboratory, Govt. of W. Bengal, 1938-52; Dept. of Pharmacology, Oxford Univ., 1952-54; Asstt. Prof. of Pharmacology, School of Tropical Medicine, Calcutta, 1941-52 and 1954-55; Extramural teacher in Pharmacology, Univ. College of Medicine, Calcutta Univ., since 1954; Officer-in-charge, Indigenous Drugs Enquiry, I.C.M.R., 1954-60; *Mem:* President, Physiology Section, Indian Science Congress 1967-68; Recorder, Physiology Section, Indian Science Congress; Member Drugs Technical Advisory Board, Govt. of India; Member Drug Enquiry Commission, Govt. of W. Bengal; Member, Development Council for Drugs & Pharmaceuticals, Govt. of India; Director, Board of Directors, Hindustan Antibiotics Ltd., Poona; *Knows*: Bengali, English, Sanskrit & Hindi; *Visited:* U.K. in 1952-54 for P.G. research; *Hobb*: Photography, music, travelling; *Add*: 10 A, Gour Ghose Road, Bhowanipur, Calcutta-25.

CHATTERJEE, Phulla Coomer—Solicitor; *b* 1 January 1906 at Vill. Khamarpara in Dist. Hooghly; *Edn*: M.A. (Pure Maths) in 1928 from Univ. of Calcutta; *Mem*: Ex President, Taltola Public Library; member Indian Law Institute, Incorporated Law Society, Bar Association of Calcutta High Court; Vice President of Asiatic Society Treasurer, Indo-Soviet Cultural Society, W. Bengal; *Knows*: English, Hindi, Bengali & Sanskrit; *Visited*: As delegate to the Republic of China, U.S.S.R.; *Add*: Temple Chambers, 6, Old Post Office Street, Calcutta-1.

CHATTERJEE, (Dr.) Saroj Kumar—Industrialist and Mg. Partner of M/s Industrial Fabricators & Consulting Bureau; M/s Rasayanee Udyog & M/s Keramos (India); *b* 1 December 1922 at Vill. Hoera, Dist. Hooghly; *Edn*: M.Sc. (App Chem) in 1944, D.Sc. (Ceramics) in 1960 from Cal. Univ.; *Resch Exp*: For over 10 years in the field of Ceramic Raw Materials; *Pub:* About 30 research papers; *Honours:* First ever Indian to obtain Ph.D.in ceramics from any Indian or foreign university; *Exp*: Manager, Behar Potteries Ltd., Burdwan, 1945-47; Manager, Bengal Refractories Ltd, Jamgram, 1947-49; Hony. Lecturer, Cal. Univ. 1950-59; Supdt., Bengal Ceramic Institute, W. Bengal 1949-55; Special Officer, Board of Revenue, W. Bengal, 1955-60; Deputy Director of Industries, W. Bengal 1960-64; *Mem*: Rehabilitation Industries Corporation, Govt. of India; W. Bengal, Finance Corporation, Govt. of W. Bengal; W. Bengal Industrial Development Corpn. Ltd.; *Knows*: English, Bengali, Hindi & Sanskrit; *Visited:* Nepal in 1967; *Hobb:* Driving and reading; *Add*: 28/C, Satish Mukherjee Road, Calcutta-26.

CHATTERJEE, (Dr.) Sisir—Senior Reader in English, Jadavpur Univ., Calcutta-32 since 1960; *b* 4 June 1919 at Calcutta; *Edn*: M.A. (English) in 1941 with Univ. Gold Medal, from Calcutta Univ.; Ph.D. (The Technique of the Modern English Novels) in 1957 from London Univ.; *Resch Exp*: For over 14 years; *Pub*: Over ten books in English and four in Hindi on various literary subjects; *Honours*: Invited by the U.S. State Dept. to visit U.S. Universities in 1966-67; Invited by the Yugoslav Govt. under the cultural exchange programme; *Exp*: The Women's Colleg 1942-46; City College, 1946-48; St. Paul's College, 1948-57; Presidency College, 1957-60, all at Calcutta; *Mem*: Asiatic Society, Rabindra Bharti Society, Genl. Secy. of the All India English Teachers Conference; *Knows*: English, Bengali & Hindi; *Visited*: U.K., U.S.A., Japan, Thailand, W. Germany, France, Italy, Yugoslavia, U.A.R., Turkey, Syria, Iraq etc. on study and lecture tours; *Hobb*: Photography, music and reading; *Add*: Dept. of English, Jadavpur Univ., Calcutta-32.

CHATTERJI, Gopal Chandra—Director General, Geological Survey of India, Calcutta since September 1966 ; *b* 26 September 1911 at Simla ; *Edn :* A. I. S. M. in 1937 from Indian School of Mines, winning Hyden Medal ; *Resch Exp* : For past 35 years in Earth Sciences ; *Pub* : About 50 research papers ; *Honours* : Medals in B. Sc. (Hons) ; *Exp :* Indian School of Mines, 1937-39 ; Presidency College, Calcutta 1942 as part-time lecturer ; Joined Geological Survey of India in 1939 and worked in various positions ; *Mem* : First Chairman of the Inaugural Session of Hydrogeology Section of XXII International Geological Congress, New Delhi, 1964 ; Member of Panel of Experts of Arid-zone Research Cttee, UNESCO; Cttee on Hydrology of the International Union of Geology & Geophysics & the Geohydrological Commission of the International Union of Geological Sciences ; Indian Society of Engineering Geology (President), President, Indian Association of Geohydrologists, Vice President of Geological Society of India, Vice President of Geochemical Society of India ; Council member of Mining, Geological & Metallurgical Institute of India ; Council member of Geological, Mining & Metallurgical Society of India ; Indian Science Congress ; *Knows* : English, Bengali, Hindi & Oriya ; *Visited* : U.S.A., Bangkok, Canada; *Hobb* : Photography, reading, outdoor sports ; *Add* : 7, Amita Ghosh Road, Top Floor, Calcutta-29.

CHATTERJI, (Dr) Ram Gopal—Asstt. Prof. of Physics, I.I.T., Kharagpur since May 1966 ; *b* 19 October 1922 at Lucknow ; *Edn* : M.Sc. in 1946, D.Phil. (Acoustics) in 1951 from Allahabad Univ.; *Resch Exp*: For six years ; *Pub :* Four research papers ; *Honours* : Represented India as one of the five delegates to M.I.T. centennial (Prof. Kothari, Dr. Bhabha & Prof. Thacker were the other delegates) ; *Exp :* Univ. of Allahabad 3 years ; for the past 15 years at I.I.T., Kharagpur; *Mem:* Ex-member, Acoustical Society of India, Life Fellow of National Academy of Sciences (India) ; *Knows* : Bengali, Hindi, Urdu, Sanskrit & English ; *Visited :* U.S.A. 1960-61 ; *Hobb :* Tennis, chess, bridge and photography ; *Add :* Dept. of Physics, I.I.T., Kharagpur.

CHATTERJI, (Dr.) Sibabrata—Head, Psychometry Unit, Indian Statistical Institute, Calcutta-35 since 1959 ; *b* 5 February 1931 at Arrah ; *Edn* : M.A. in 1952, D. Phil. in 1961 from Calcutta Univ. ; *Resch Exp* : For past 16 years in the field of mental testing and guidance ; *Pub* : Book on 'Aptitude Tests for Mathematics & Statistics', several books on tests, besides 17 research papers ; *Exp :* For past 12 years in the Indian Statistical Institute, Calcutta ; *Knows* : English, Bengali, Hindi ; *Hobb* : Photography ; *Add* : House of Rai Bahadur R.L. Chatterji Bratalaya, Station Road, Patna.

CHATTERJI, (Dr.) Subodh Chandra—Retired Scientists ; *b* 15 May 1890 at Allahabad; *Edn:* B. Sc. & M. Sc. (Prev) in 1913-14 from Queens College, Banaras; L.T. in 1919 from Training College, Allahabad ; M.A. in 1927, M. Ed. in 1939 from Univ. of Leeds (U.K.), Ph.D. in 1942 from Trinity College, Dublin; *Pub*: Books on 'Open Air School', 'Organisation of Physical Education', 'Text Book on Physical Training' ; *Exp*: High Schools in India, 1914-24; Training School, Ajmer, 1927-38; Higher Secondary Schools in U.K., 1942-48; Training College, Berhampore, 1949-52; Danton High School, Midnapore 1952-54 and retired in 1954; *Mem*: Attended many international Conferences in several parts of the world; *Knows*: Hindi, Urdu, Bengali & English; *Visited:* Australia, Hong Kong, U.K , U.S.A., U.S.S.R., Yugoslavia, France, Holland, Italy, Czechoslavakia, Austria, Switzerland etc.; *Add*: c/o East India Pharmaceutical Works Ltd., 119, Biren Roy Road, (West), Calcutta-8.

CHATTOPADHYAY, Gouranga P.—P.G. Programme Director & Provost, Indian Institute of Management, Calcutta since November 1967; *b* 29 April 1931; *Edn*: M. Sc. from Calcutta Univ., winning Univ. Gold Medal and S. C. Mitra Gold Medal; *Resch Exp*: For 2 years with Anthropological Survey of India, 3 years with Calcutta Univ., 2 years with C.M.P.O. Research & Teaching at Delhi School of Economics, 2 years at Univ. of Wales; *Pub* : Book on 'Ranjana: A Village in W. Bengal' besides 25 articles in various journals; *Exp :* Delhi School of Economics, 1960-62; Univ. of Wales, 1963-64; *Mem* : Fellow of the Royal Anthropological Institute, Association of Anthropologists of

Great Britain & Commonwealth, Indian Science Congress, Indian Anthropological Society; *Knows :* Bengali & English; *Visited* : U.K.; *Hobb :* Translating Bengali literature into English; *Add :* 2 Palm Place, Calcutta-19.

CHATTOPADHYAYA, Shyam Kumar—Head, Dept. of Philosophy, Ravenshaw College, Cuttack since 1956; *b* 1 November 1915 at Naobhanga in Dist. Jessore; *Edn* : M.A. (Phil) in 1938, P.R.S. (Thesis : The Philosophy of William James) in 1943 from Calcutta Univ.; *Resch Exp* : In Foundations of Alternative Metaphysical systems; *Pub* : Books on 'Tarkavijnan', 'The Philosophy of William James', 'Foundations of Alternative Metaphysical systems' besides 15 research papers; *Honours :* Scholarship and Mouat Gold Medal; *Exp :* S.C.S. College, Puri; P.G. Dept. of Philosophy, Calcutta Univ.; Ravenshaw College, Cuttack; Utkal Univ.; *Mem:* Indian Philosophical Congress and member of its executive for past ten years, Board of Studies in Calcutta & Utkal Universities; President of Logic & Metaphysics Section of Indian Philosophical Congress (1957); *Genl :* An authority and exponent of classical Indian philosophical thought; *Knows* : English, Sanskrit, Bengali, Oriya & Hindi; *Hobb* : Gardening, homeopathy; *Add* : Ravenshaw College, Cuttack.

CHATURBHUJ—Programme Executive, All India Radio, Ranchi ; *b* 15 January 1928 at Bihar Sharif in Bihar; *Edn* : M.A. (Pali) in 1955 from Nalanda Pali Institute; *Resch Exp* : In the field of production of Book 'Nalanda' based on Pali resources; *Pub* : Books on 'Sirajuddaullah', 'Bhagwan Buddha', 'Kaling-Vijay', 'Aravali ka Sher', 'Shri Krishna', 'Bahadurshah', 'Kunwar Singh', 'Mirkasim', 'Jhelam ke Kinare', 'Vijay Tilak', besides numerous articles and stories; edited texts of Tripitakas; *Exp* : Stage experience of over 20 years in acting, direction, stage management and play-writing and broadcasting; *Mem :* Hony. Director-Founder of Magadh Artists; *Knows :* English, Hindi & Pali; *Hobb :* Drama, writing and acting; *Add :* Magadh Artists, 106, Shri Krishna Nagar, Patna-1.

CHATURVEDI, Budh Sen—Head, Dept. of Sociology, Kishori Raman College, Mathura since August 1960; *b* 28 July 1928 at Mathura; *Edn* : M.A. (English) in 1950, M.A. (Sociology) in 1955, LL.B. in 1956 from Agra Univ.; *Pub* : Books on 'The Art of Essay Writing', Samaj Shastra ke Adhar Bhoot Siddhant', 'Samaj Shastriya Siddhanton ki Vivechna'; *Exp* : Agra College, Agra; Chirawa College, Chirawa; *Mem* : Faculty of Arts and Board of Studies in Sociology, Agra Univ.; *Knows :* Hindi & English; *Hobb* : Walking, reading, gardening; *Add :* Kishori Raman College, Mathura.

CHATURVEDI, (Dr.) Jagdish Chandra—Head, Dept. of Maths., St. John's College, Agra since November 1955; *b* 8 November 1916 at Firozabad; *Edn:* M. Sc. (Maths) in 1938, M.A. (Econ) in 1940 from St. John's College, Agra; *Resch Exp*: Ph.D. in Statistics in 1949; *Pub:* Books on 'Prices of Agricultural Commodities in U.P (1934-45)', 'Index of Agricultural Production for Uttar Pradesh', 'Directory of Certain Wholesale Agricultural Markets of U.P.' besides several books on mathematical topics; *Exp*: Agra College, Agra; St. Andrew's College, Gorakhpur; *Mem*: Royal Statistical Society, London; *Knows:* Hindi & English; *Hobb*: Games; *Add*: 38, Delhi Gate, Agra, U.P.

CHATURVEDI, (Dr.) M.C.—Head, Dept. of App. Mechanics, I.I.T., New Delhi-29 since 1966; *b* 19 May 1925 at Saharanpur; *Edn:* M.S. (Mech. & Hydraulics) in 1960, Ph.D. in 1962 from State Univ., Iowa, U.S.A.; *Resch Exp:* For over five years; *Pub*: Several research papers and articles in Indian and foreign journals; *Exp*: Designer of Water Resources Structures for 17 years; I.I.T., Kanpur, 1963-67; *Mem:* Sigma Xi (U.S.A.), Institution of Engineers, A.S.C.E.; *Knows*: English, Hindi, Urdu, French & Russian ; *Add:* Dampier Nagar, Mathura.

CHATURVEDI, Saraswati Prasad—Head, Dept. of Sanskrit, Univ. of Allahabad since 1961; *b* 20 September 1904 at Allahabad; *Edn*: M.A. (Sanskrit) in 1929 from Allahabad Univ.; *Resch Exp*: Since 1931; *Pub:* 40 research papers published or presented at various conferences; *Exp*: Marqis College, Nagpur, 1929-55; Govt. Sanskrit College, Raipur, 1956-59; Special Officer, Ministry of Education, Govt. of India, 1960; Univ of Allahabad 1961-67; U.G.C. Prof. (Research) since 1967; *Mem*: Executive Council of All India Oriental Conference, 1951-54; All India Radio Advisory Cttee for Sanskrit Programmes; U.P. State Archives; President of Sanskrit Section in All India Oriental Conference; *Genl:* Excellent speaker on cultural and literary topics; *Knows*: Hindi Marathi, Sanskrit & English; *Hobb*: attending spiritual and religious gatherings; *Add:* 25, Stanley Road, Allahabad.

CHATURVEDI, Satyanarayana—Principal, Dr. K.V.K. Sanskrit College, Arundelpet, Guntur; *b* 15 July 1902 at Nararaopet in Dist. Guntur; *Edn*: M.A. (Sanskrit) in 1943 from Nagpur Univ.; B O.L. (Sanskrit) from Madras Univ.; *Pub*: Translated 'Kathasaritsagara of Somadeva into Telugu'; *Mem:* Secy. of Andhra Sahitya Parishad, Kakinada for several years; *Knows:* Telugu, Sanskrit & English; *Add*: K.V.K. Sanskrit College, Arundelpet.

CHATURVEDI, Sawal Kishor—Principal, Shri Mathur Chaturved Vidyalaya, Mathura since July 1966; *b* 24 August 1913 at Mathura; *Edn:* Acharya (Navya Vyakaran) in 1937 from Govt. Sanskrit College, Banaras; *Pub:* Books on 'Misri Bhagvat', 'Pushti-Prapa', 'Prasad,' Vyakaran-Vinod & Samvay Samiksha', 'Janam Prakaran'; *Exp:* Narayandas Sanskrit Pathshala, Mathura; Rishbh Jain Sanskrit Vidyalaya, Mathura ; Seth Laxmi Narayan Sanskrit Vidyalaya, Ghazipur; *Knows*: Sanskrit, Gujrati, & Hindi; *Hobb:* Study of ancient literature; *Add:* Laddha Kunj, Shyamghat, Mathura.

CHAUBAL, (Dr.) Pushpalata Dwarkanath—Lecturer in Botany, Shivaji Univ., Kolhapur since 1966 ; *b* 12 May 1930 at Nagpur; *Edn*: M. Sc. in 1952 from Science College, Nagpur; Ph. D. (Palynology) in 1961 from M.A.C.S. Laboratory & C.B.R.I. Poona; *Resch Exp:* For past 17 years in the field of Palynology, Cytology, Embryology; *Pub*: Book on 'Palynological Studies on the Family Acanthaceae'; 10 research papers, 3 articles, 2 short stories; *Exp;* S.P. College, Poona 1952-53; Shivaji Mahavidyalaya, Barsi, 1965-66; *Mem:* Palynological Society of India; *Genl:* Writing Poems, short stories and scientific articles of general interest; *Knows:* Marathi, English, Hindi, Gujrathi, German & French; *Hobb:* Music, swimming, drawing; *Add* : 1204/6, Ghole Road, Poona-4.

CHAUBE, (Dr.) Sarayu Prasad - Lecturer in Education, Univ. of Lucknow, Lucknow since 1953; *b* 1 February 1919 at Varanasi; *Edn*: M.A. (Hist) in 1943, B.T. in 1945 from BHU; M.Ed. in 1947 from Allahabad Univ.; Doctor of Education in 1952 from Indiana Univ., U.S.A. ; D. Litt. in 1965 from Lucknow Univ ; *Resch Exp:* Guiding several Ph.D. students for the past 15 years; *Pub:* Over 20 books on educational subjects, like, 'Recent Philosophies of Education in India', 'History of Education in India', 'General Psychology', 'Education in Foreign Countries', 'Methods of Teaching' etc. ; *Honours:* Conferred the G.J. Watumall Memorial Award in education in 1962; *Exp:* B.R. College, Agra, 1947-53 ; *Visited:* U.S.A., U.K., France, Switzerland, Italy, Egypt for higher studies and studying their system of education ; *Knows:* English & Hindi ; *Hobb:* Vocal and instrumental classical music ; *Add:* Karma Bhumi, B. 955, Sec. A. Near New Railway Crossing, Mahanagar, Lucknow.

CHAUBEY, Amresh Chandra—Incharge, Teaching Depts., Indira Kala Sangeet Vishwavidyalaya, Khairagarh, M.P. since July 1966; *b* 1 January 1936 at Kanpur; *Edn:* M. Music in 1957 from Bhatkhande Music College. Lucknow ; M.A. (English Literature) in 1965 from Ravishanker Univ. ; *Pub*: Co-editor of 'Bhatkhande Smriti Granth' besides published several articles; *Exp*: Joined Indira Kala Sangeet Vishwavidyalaya in 1958 ; *Genl :* Broadcasting vocal and classical music from A.I.R., Nagpur ; *Knows :* Hindi, English & Marathi ; *Hobb:* Gardening, cricket etc. ; *Add :* Biscuit Lane, Ganesh Ganj, Lucknow.

CHAUDHARI, Pandurang Daduji—Principal, Mahatma Fule Mahavidyalaya, Warud since 1965 ; *b* 16 May 1926 at Warud in Dist. Amravati; *Edn*: M.A. (Phil) in 1954 from Nagpur Univ. ; *Exp*: Vidarbha Mahavidyalaya, Amravati ; Sitabai Arts College, Akola; S. B City College, Nagpur; *Mem*: Academic Council, Court, Faculty of Social Sciences, Board of Studies of Logic & Philosophy of the Univ. ; *Genl* : First in M.A. Exam; *Knows:* English & Marathi, Hindi ; *Add*: Principal, Mahatma Fule Mahavidyalaya, Warud.

CHAUDHARY, Bhaskar Digambar—Principal, College of Engineering, Karad since December 1962; *b* 15 November 1915 at Viroda in Dist Jalgaon; *Edn*: M.S.E. (Elect. Engg.) in 1948 from Univ. of Michigan, U.S.A.; *Exp*: M/s B.E.S.T., Bombay; M/s P.E.S. Co, Poona; T.V.A,. U.S.A.; College of Engg., Poona; College of Engg., Ahmedabad; Govt. Technical College, Hyderabad; Govt. Polytechnic, Poona; Govt. Polytechnic, Amravati; College of Engg., Karad; Govt. Polytechnic, Karad; *Mem:* Institution of Engineers (India), A.P.T.I.; *Visited*: U.S.A., U.K., Italy & Canada; *Knows* : English ; *Add*: College of Engg., Karad.

CHAUDHARY, Bindeshwari—Principal, Bhagalpur College of Engg., Bhagalpur-3 since August 1961 ; *b* 16 January 1918 at Vill. Hussainpur in Dist. Patna; *Edn*: M.Sc. (Civil Engg) in 1955 from Imperial College of Science & Technology, London; *Resch Exp:* Worked on 'Compressibility characteristics of compacted soils' and other problems of soil mechanics; *Exp:* For 7 years as Asstt. Engineer in private firms like East Indian Railway & Irrigation Dept., Bihar; Teaching experience of 19 years at Bihar College of Engg., Patna; Muzaffarpur Institute of Technology, Muzaffarpur; Bihar Institute of Technology, Sindri; *Mem*: A.M.I.E., Institution of Engineers; Vice-President of the Lion's Club of Bhagalpur; *Knows*: Hindi, English & Urdu; *Visited;* U.K., Holland, Belgium, Switzerland, France, W. Germany & Italy; *Hobb*: Photography & Music ; *Add*: Vill. & P.O. Hussainpur, Patna.

CHAUDHARY, (Dr.) Hari Shanker—Prof. & Head, Dept. of Zoology & Dean, Faculty of Science, Univ. of Gorakhpur, Gorakhpur since 1958; *b* 24 October 1917 at Calcutta; *Edn:* M.Sc.(Zoology), in 1940, first class first; D.Phil. in 1944 from Allahabad Univ.; *Resch Exp*: For over 26 years in the field of Cell Biology and Histomorphology; *Pub:* Numerous research papers in Indian and foreign journals; *Honours:* Awarded Empress Victoria Scholarship by Allahabad Univ.; *Exp*: Prof. in P.E.S , Ravenshaw College, Cuttack; Prof., D.S.B. Govt. College, Nainital; joined Allahabad Univ. as Lecturer; *Mem:* Presided at the General Biology Section at the Second All India Zoological Congress held at Varanasi; member of several academic and scientific organisations and bodies; *Knows:* English, Hindi & Urdu; *Visited*: Visited over 30 universities and research institutions in U.K., Ireland, Europe and Netherlands; *Add:* Zoology Dept.; Gorakhpur Univ., Gorakhpur.

CHAUDHARY, (Dr.)Mabadev Singh—Principal,G.V. College of Agriculture, Sangaria since July 1967; *b* 1 June 1934 at Dhanipal in Dist. Hissar; *Edn:* Ph.D.(Agri)in 1967 from Panjab Univ.; *Resch Exp*: For past 11 years; *Pub:* 'Cytogenetical studies on Fruit trees besides 10 papers in scientific journals; *Exp*: Principal, College of Agriculture, Kaul; *Knows:* Hindi & English; *Add:* G.V. College of Agriculture, Sangaria, Rajasthan.

CHAUDHURI, (Dr.) Shila—Lecturer in Biochemistry, Calcutta Univ., Calcutta since May 1966; *b* 10 January 1939 at Mymensingh, E. Pakistan; *Edn:* M.Sc. (Pure Chem) in 1960 from Univ. College of Sciences, Calcutta; D. Phil. (Physiochemical studies on proteins with special reference to proteins of milk) in 1964 from Bose Institute, Calcutta; *Resch Exp:* For 6 years in the field of physical and chemical studies of proteins; *Pub*: Four papers on properties of goat's milk etc.; *Exp*: Joined Calcutta Univ 2 years back; *Mem:* Indian Science Congress; *Knows*: Bengali & English; *Add:* 8B, Rajendra Lal Street, Calcutta-6.

CHAUDHURY, P.D.—Director of Archaeology & State Museum, Gauhati since April 1967; *b* 1911 at Gauhati; *Edn*: M.A. (Sanskrit); B.L. (Epigraphy & History) from Calcutta Univ.; *Resch Exp:* Several publications in 'Epigraphia Indica'; *Pub*: Books on 'Archaeology in Assam' & 'Ancient Treasures in Assam' besides several Research papers in Indian journals; *Exp:* Founder Professor of the B.B. Barooah College, Gauhati ; First Curator of the Assam State Museum in 1940, First Supdt. of Archaeology in Assam in 1961 ; *Mem :* President of Assam Sahitya Sabha (Historical Section) ; President of the Assam Museums Association; President, Assam Research Society ; Sectional Secy. of History Congress & Oriental Conference held at Gauhati ;

Member, Museum Association of India, Central Advisory Board of Archaeology and Museums ; President of India Club, Gauhati ; *Knows* : English, Assamese, Bengalee, Hindi & Sanskrit; *Hobb* : Games ; *Add* : 9, Ambari, Gauhati-1.

CHAUHAN, (Dr.) Karan Singh—Reader & Head, Dept. of Horticulture, Rajasthan College of Agriculture, Udaipur since October 1962; *b* 12 February 1934 at Saharanpur; *Edn.* : M.Sc. (Agri) in 1957 from Agra Univ.; Ph.D. (Horti) in 1961 from Florida Univ., U.S.A.; *Resch Exp* : For past over 10 years ; *Pub* : About ten papers in journals of repute in India and abroad; *Exp* : Joined Univ. of Udaipur in October 1962 ; *Mem* : Horticultural Society of India; *Knows* : English, Hindi, Urdu, German & French; *Visited* : U.S.A. for studies ; *Hobb* : Photography; *Add* : V. & P.O. Bahri Dindarpur, Dist. Saharanpur.

CHAUHAN, (Dr.) Narendra Singh—Prof. & Head, Dept. of Psychology, Agra College, Agra since 1964; *b* 8 September 1929 at Agra; *Edn* : M.A. (Phil) in 1951 from Agra Univ.; M.A. (Psy) in 1953 from Univ. of Calcutta; Ph.D. in 1963 from Agra Univ.; *Resch Exp* : Guiding Ph.D. students; *Pub* : Eight papers on educational psychology; *Exp* : B.R. College, Agra, 4 years; Agra College, Agra; U.P. Agrl. University, Pantnagar, 1 year; *Mem* : Indian Psychological Association, Indian Council of World Affairs; *Knows* : English, Hindi, Sanskrit, & Urdu; *Hobb* : Poem composition, debates and research; *Add* : c/o. Dr. S.K. Singh Yadav, Sasni Gate, Hathras.

CHAUHAN, (Dr.) Suresh Kumar—Lecturer in Botany, Vikram Univ., Ujjain since October 1964; *b* 29 July 1930 at Agra; *Edn* : M.Sc. (Botany) in 1953 from Agra College, Agra; Ph.D. (Plant Pathology) in 1959 from Agra Univ.; *Resch Exp* : For over 15 years in Mycology and plant pathology; *Pub* : About 40 research papers published in India and foreign journals: *Exp* : Agra College, Agra, 1953-64; *Mem* : Indian Science Congress, National Academy of Science, Indian Botanical Society, Indian Phytopathological Society; *Knows* : Hindi, English, & Dutch; *Visited* : Netherlands for specialization in 1966-67; *Hobb* : Photography, gardening; *Add* : Dept. of Botany, Vikram Univ., Ujjain.

CHAURASIA, (Dr.) Gulab—Principal, Regional College of Education, Bhopal-2 since May 1967; *b* 25 June 1922 at Jabalpur; *Edn* : M.A. (English) in 1945 from Nagpur Univ.; LL.B. in 1947 from Saugar Univ.; M.A. (Education) & Doctor of Education from Columbia Univ., U.S.A.; *Resch Exp* : Approved Guide for Ph.D. in education in various universities of India since 1959; *Pub* : Books on 'New Era in Teacher Education', series of text books on Social Studies, besides several papers on current problems of Indian Education; *Honours* : Awarded Sir Arthur Blennerhasset Silver Medal in 1943; *Exp* : H. City College, Jabalpur; Robertson College, Jabalpur; Prantiya Prashikshan Mahavidyalaya, Jabalpur; Principal at P.G.B.T. College, Bhopal; Regional College of Education, Mysore; *Mem* : Indian Association of Teacher Educators, All India Federation of Educational Associations, Genl. Secy. of Indian Association of Teachers Educators; member of Syndicate, Academic Council etc. of Vikram & Ujjain Univ.; *Knows* : Hindi & English; *Visited* : U.S.A. and U.S.S.R.; *Hobb* : Reading and excursions; *Add* : Regional College of Education, Bhopal-2.

CHAVDA, (Dr.) Vijayasingh Kishansingh—Reader in History, M.S.Univ. of Baroda since 1955; *b* 6 February 1927 at Baroda; *Edn* : M.A. (Hist) in 1951 from Bombay Univ.; Ph.D. (Baroda's Political Relations with the Central Govt. 1875-1920) in 1958 from M.S. Univ. of Baroda; Ph.D. (India, Britain & Russia-A Study in British Opinion) in 1961 from Leeds Univ., U.K.; *Resch Exp* : In the field of 19th century Modern Indian and European History; *Pub* : Books on 'Gaekwads and the British 1875-1920', 'India, Britain, Russia 1838-1878', 'A Cultural History of India', 'Select Bibliography of Gujrat'; *Exp* : Joined M.S. Univ. of Baroda 13 years back; *Mem* : Institute of Historical Research; Board of Studies in History, Baroda; First Vice-President, Lions Club, Baroda; *Knows* : Hindi, Gujarati & English; *Visited* : U.K. for Ph.D.; *Hobb* : Music, dramatics & hitch—hike ; *Add* : 'Sanket' 4/A, Arunodaya Society, Baroda-5.

CHETTIAR, T.S. Avinashilingam—Founder Director, Sri Ramakrishna Mission Vidyalaya, P.O. Sri Ramakrishna Vidyalaya, Dist. Coimbatore since 1930; *b* 5 May 1903 at Tiruppur in Dist. Coimbatore ; *Edn*: B.A. in 1923, B.L. in 1925 from Univ. of Madras; *Pub*: Books on 'Education by Swami Vivekananda', 'Educational Philosophy of Swami Vivekananda', Vivekananda & Gandhi', The School and the Centenary', 'World Teachers on Education', 'Understanding Basic Education', 'Gandhiji's Experiments in Education', 'Utilising Festivals for Education', 'Education-Mahatma Gandhi' besides numerous books on Education in Tamil ; *Exp* : Founder of the Avinashilingam Home Science College and other institutions; *Mem* : Founder President, Tamil Academy; Chairman, Gandhiji's Works Publication Cttee. ; Member, National Council for Rural Higher Education, All India Council of Technical Education, Indian Council of Agricultural Research, National Institute of Community Development, ex-member of the Central Advisory Board of Education of the Govt. of India; *Genl* : Took prominent part in India's national movement for independence, Former President Dist. Congress Cttee, member Indian (Central) Legislative Assembly, Minister of Education in Madras Govt., Member of Madras Legislative Assembly, member of Parliament, responsible for Madras Library Act; *Knows*: Tamil & English; *Visited*: Toured U.S.A., also visited Italy, Switzerland, France, U.K., Japan & Malaysia; *Hobb*: Reading and walking; *Add*: Sri Ramakrishna Mission Vidyalaya, Sri Ramakrishna Vidyalaya P.O., Dist. Coimbatore.

CHIKHALIKAR, Anant Narayan—Principal, Deogiri College, Aurangabad since 1960; *b* 11 October 1908 at Bombay; *Edn*: M.A. (Maths) in 1935 from St. Xavier's College, Bombay; *Pub*: Books on 'New Algebra', 'Text Book of Calculus', F.Y. Calculus & Co-ordinate Geometry'; *Exp*: Siddharth College, Bombay; Milind College, Aurangabad; Siddharth College of Commerce & Economics, Bombay ; *Knows*: Marathi, English & Portuguese ; *Hobb*: Classical music ; *Add*: Palm View, Gokhale Road, Bombay-28.

CHINOY, (Dr.) Jamshed Jijibhoy—Prof. of Botany & Director of University School of Sciences, Gujrat Univ., Ahmedabad-9 since 1962; *b* 18 February 1909 at Bhuj, Cutch; *Edn*: M.Sc. in 1931 from Univ. of Bombay; Ph.D. in 1935 from Univ. of London; D.I.C. (Plant Physiology) in 1935 from Imperial College of Science & Technology, London ; *Pub*: More than 100 papers on Drought Resistance, Physiology of Growth, Metabolism & flowering, Physiology of Inheritance; *Exp*: Physiological Assistant, Indian Central Cotton Cttee 1936-41; Indian Agricultural Research Institute, New Delhi, 1941-47; Reader in Botany, Univ. of Delhi, 1947-59; Prof. of Botany, Gujrat Univ. since 1959; *Mem*: Secy. Indian Society for Plant Physiology, Member Council of the International Association for Plant Physiology; American Society of Plant Physiology; Scandinavian Society for Plant Physiology; Fellow of the Royal Institute of Science, Fellow of the National Academy of Sciences; *Visited*: Denmark, France, U.K. U.S.A., U.S.S.R., Sweden, Canada & Belgium; *Add*: 3 Director's Bungalow, Univ. Campus New Navrangpura, Ahmedabad-9.

CHIPLONKAR, (Dr.) G. W.—Hony. Prof. of Palaeontology, Maharashtra Association for the Cultivation of Science, Agarkar Road, Poona-4 since 1965; *b* Aged 60 years; *Edn* : M. Sc. (Geol) in 1933, D. Sc. (Geol) in 1939 from BHU; *Resch Exp* : For over three decades in Palaeontology; *Pub* : Series of papers on Palaeontology and Bagh Beds; Geological Maps; *Exp* : BHU 1937-46; Univ. of Saugar, 1946-62; *Mem* : Fellow of the Palaeontological Society of India, Geological Mining & Metallurgical Society of India, Minerological Society of India, Geological Society of India; *Knows*; English, Hindi, Marathi, German & French; *Add* : M. A C. S., Agarkar Road, Poona-4.

CHITANAND, (Dr.) Tryambak Pandharinath—Head, Dept. of English, Nalini & Arvind Arts College, Vallabh Vidyanagar since November 1960; *b* 10 November 1914 at Sangamner in Maharashtra; *Edn*: M.A. (English) in 1940 LL.B. in 1940, Ph. D. in 1967 from Bombay Univ. ; *Resch Exp* : Ph.D. on Animal fable in English literature during the Renaissance; *Pub* : Five articles; *Honours*: Awarded Research Grant from Univ. of London, 1959; *Exp*: R.L. Law College Belgaum; M.J. Arts & Science College, Jalgaon; Bhavan's College, Bombay; V.P. Mahavidyalaya, Gujrat Univ. ; *Mem*: Indian Association for English Studies, All India English Teachers Association; Chairman

of English Literary Association of Vallabh Vidyanagar since 1960; *Genl:* Deputised for Vice Chancellor, Sardar Patel Univ. on the Association of the Universities of the British Commonwealth in 1959-60; *Knows* : English, Marathi, Hindi & Gujrati; *Visited :* U.K., France, Italy, U.A.R. & Pakistan; *Hobb*: Gardening & dramatics; *Add* : Bungalow No. 5, Prof. Blocks, Vallabh Vidyanagar.

CHITKARA, (Dr.) Nand Lal—Head, Dept. of Pathology & Bacteriology, Medical College, Amritsar since April 1957; *b* 15 September 1913 at Sahiwal in Dist. Sargodha; *Edn*: M.D. in 1945 from K.E. Medical College, Lahore; Dip. Bact. in 1952 from Univ. of Manchester, U.K. ; *Resch Exp* : For 20 years; *Pub:* About 60 research papers; *Exp:* K.E. Medical College; *Mem:* Fellow of Indian Academy of Medical Sciences, member of New York Academy of Sciences, Jt. Secy. of Indian Association of Pathologists, member of Pathological Society of Great Britain & Ireland, Society for General Microbiology (U.K.); Secy. & Treasurer of Indian Division of International Academy of Pathology; Indian Medical Association; *Knows:* English, Hindi, Punjabi & Urdu ; *Visited:* U.K , Canada, Burma & Ceylon; *Add*: 109, Lawrence Road, Amritsar.

CHITNIS, Madhav Ramkrishna—Principal, C.D. Jain College, Shrirampur since June 1964 ; *b* 4 December 1932 at Satara ; *Edn* : M.A. (Econ) in 1956 from Fergusson College, Poona ; *Pub* : Articles on economic matters in 'Sadhna', 'Sampada' & 'Jansatta' etc. ; *Exp* : S.G.M. College, Karad, 1956-60 ; C. S. College, Satara, 1960-64 ; *Mem* : Indian Economic Association ; *Genl* : Interested in Social Work and associated with numerous social organisations ; *Knows* : Marathi, Hindi & English ; *Hobb :* Travel, study of educational and social organisations ; *Add :* C.D. Jain College of Commerce, Shrirampur.

CHOKHAVATIA, Ratilal Harilal—Principal, Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Andheri, Bombay-58 since July 1962 ; *b* 23 March 1908 at Cambay in Dist. Kaira, *Edn* : M. E. (Structures) in 1958 from Roorkee Univ. ; *Resch Exp :* Guided Research of M.E. students in Structural Engineering ; *Pub :* Several papers on Theory & Practice of Re-inforced Concrete ; *Exp :* Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar, 1951-62 ; Practical experience in various capacities for 1929-51; *Mem :* Institution of Engineers (India), A.M.I. (Struct) E. (London) ; *Genl* : Interested in evolving new forms of constructions and architecture and doing consultation work ; *Knows* : Hindi, Gujarati, Marathi & English ; *Hobb :* Reading, meditating and studying nature ; *Add :* Sardar Patel College of Engg., Bombay-58.

CHOPRA, H.N.—Principal, Govt. College, Chamba, H.P. since June 1963 ; *b* 25 October 1920 at Lahore ; *Edn :* M. Sc. in 1943 from College of Science, Nagpur ; *Pub* : Books on 'Intermediate Physics Practicals', 'Elementary Physics' & 'Text Book on Sound'; *Honours*: Awarded Ramachandra Krishna Memorial Gold Medal by Univ. in M. Sc. ; Diploma from Hollywood Radio & Television Institute, U.S.A.; *Exp:* D.M. College, Moga, 1942-43; Sikh National College, Lahore, 1943-44; R.S.D. College, Ferozepur, 1944-45; D.A.V. College, Jullundur, 1945-46; R.S.D. College, Ferozepur, 1946-48; D.C. Jain College, Ferozepur Cantt., 1948-51; Govt. College, Mandi, 1951-59; Govt. College, Rampur Bushar, 1959-60; Govt. College, Mandi, 1960-63; *Mem;* National Academy of Sciences (India), Northern India Science Association; *Knows:* English, Hindi, Urdu & Punjabi; *Hobb:* Radio photography; *Add:* c/o Dr. K.K. Chopra, 27, Chakrata Road, Dehra Dun.

CHOPRA, (Dr.) Shiv Raj Kumar—Head, Dept. of Anthropology, Punjab Univ., Chandigarh-14 since August 1960 ; *b* 8 October 1931 at Ludhiana ; *Edn :* M.Sc. (Physical Anthropology & Human Biology) in 1953 from Univ. of Delhi ; Ph.D. in 1955 from Univ. of Zurich, Switzerland ; *Resch Exp :* For over 12 years in Indian and foreign universities ; *Pub :* About 20 research papers and articles ; *Honours :* Recepient of Grant-in-aid from Wenner-Gren Foundation in 1955-56 & 1966-67, from Bombay Natural History Society in 1960 ; *Exp* : Univ. Research Fellow, Univ. of Birmingham, U.K., 1955-58 ; Lecturer, Duckworth Lab.. Univ. of Cambridge 1958 ; Visiting Fellow, Univ. of Birmingham 1964-65 ; Visiting Prof., Univ. of Kiel, W. Germany, 1965-66 ; *Mem :* American Anthropological Association ; Co-ordination Cttee for Standardization in Anthropology of International Congress of Anthropological & Ethnological Sciences held in Tokyo in 1968 ; Fellow of the Royal Anthropological Institute of

of Great Britain & Ireland ; Fellow of the Zoological Society of London ; Fellow & Past Foreign Secretary of the Palaeontological Society of India; American Association of Physical Anthropologists ; Northern Indian Science Association ; Indian Science Congress ; *Knows* : English, German, Hindi & Urdu ; *Visited :* Switzerland, U.K., W. Germany, U.S S.R., Holland, Belgium, Denmark, Sweden, Austria, Greece, Italy, Lebanon, & Egypt; *Hobb* Riding, walks, mountaineering ; *Add :* Bungalow No. 20, Sector 11 A, Chandigarh.

CHORDIA, Kantilal Fulchand—Head, Hindi Dept., Arts & Commerce College, Lasalgaon since June 1967; *b* 14 June 1932 at Ranjangaon Ganpati; *Edn :* M.A. in 1958, M.A. (Hindi) in 1959 from Poona Univ.; *Resch Exp :* Doing Ph.D. on 'Hindi aur Marathi ke etihasik upnayason men etihasik tathya'; *Pub :* Books on 'Jain Dharm Dipka', 'Vallabh Jiwan Saurabh' besides about 25 articles on national, religious and historical topics; *Exp :* Pratap College, Amalner, 5 years; Baramati College, Baramati, 2 years; Arts & Commerce College, Bhusawal, 1 year; *Mem :* Bhartiya Hindi Parishad, Hindi Sahitya Sabha (Amalner—its founder Chairman for 5 years); *Knows :* English, Hindi, Marathi & Gujarati; *Add :* Arts & Commerce College, Lasalgaon.

CHOUDHURI, (Dr.) Bankim—Principal, The Midnapore Homoeopathic Medical College & Hospital, Midnapore since 1945; *b* 9 June 1904 at Jhentla in Dist. Midnapore; *Edn :* D.M.S. in 1944 from State Council of Homoeopathic Medicine, W. Bengal; *Resch Exp :* Conducted research on 'Healthy individual-Men and Women' besides on several medicines; *Pub :* Books on 'Aloke-Thirtha' & 'Aloke-Bandana'; *Exp :* House Surgeon to the B.S. Medical School Hospital, Bankura, 1928-29; *Mem :* Rural Homoeopathic Aid Cttee. of Govt. of India, Council of Homoeopathic Medicine of W. Bengal, Founder Director of the Midnapore Homoeopathic Medical College & Hospital; Founder of 3 Charitable Homoeopathic Dispensaries in Dist. Midnapore; *Knows :* Bengali, English, Sanskrit & Hindi; *Add :* The Midnapore Medical College & Hospital, Midnapore.

CHOUDHURY, (Dr.) Bishwajit—Chief Vegetable Specialist, Divn. of Horticulture, I.A.R.I., New Delhi since 1957; *b* 6 February 1926 at Bhagalpur; *Edn :* P.G. Training In 1952 from I.A.R.I., New Delhi; Ph.D. (Vegetable Breeding) in 1954 from School of Agriculture, Melbourne, Australia; *Resch Exp :* For past over 21 years on improvement of vegetable crops; *Pub* : Book on 'Vegetables' besides about 60 research papers in different scientific journals; *Honours* : Bihar Govt. Scholarship 1942, Colombo Plan Fellowship 1952, Two merit increments by Govt. of India in 1966; *Exp :* Bihar Agricultural College, Sabour, Bhagalpur 14 years; *Mem* : Fellow of the Royal Horticultural Society (London), Indian Society of Plant Breeding & Genetics; Member of the International Horticultural Society, American Society of Horticultural Science, Tomato Genetic Co-operative, Indian Society of Horticultural Science, Delhi Agri-Hort. Society, Indian Science Congress, Bihar Academy of Agricultural Science; *Knows :* Bengali, English, Hindi & Sanskrit; *Visited :* Australia, U.S A , Mexico, Canada, U.K., Holland, France & Italy on study tours; *Hobb :* Photography and gardening; *Add :* Division of Horticulture, I.A.R.I., New Delhi-12.

CHOUDHURY, (Dr.) Jamini Mohan—Head, Dept. of Geology, Univ. of Gauhati, Gauhati-14 since 1950; *b* 1 March 1922 at Tezpur in Dist. Darrang; *Edn :* M.Sc. (Geol) in 1949 from BHU, Ph.D. in 1956 from London Univ., Diploma in 1956 from Imperial College of Science & Techy., London; *Resch Exp :* For ten years in the geology and petrology of Assam; *Pub* : About 10 research papers in scientific journals; *Exp :* For past seventeen years in the Gauhati Univ.; *Mem :* Jt. Secy., Geological Mining & Metallurgical Society of India; Director, Assam Mineral Development Corpn., Shillong; Member, Assam State Planning Advisory Body; Court & Academic Council of Gauhati Univ.; Member, Assam Science Society, Indian Science Congress; Advisory Body, Assam Coal Survey Station, Jorhat; *Knows :* English, Hindi, Assamese & Bengali; *Visited :* U.K. for higher studies; *Hobb :* Photography, philately & gardening; *Add :* Dept. of Geology, Gauhati Univ., Gauhati-14.

CHOURISHI, (Dr.) Shanker Dayal—Ex. Principal, Dhamtri Science Arts & Commerce College, Dhamtri, M.P.; *b* 25 August 1925 at Hoshangabad; *Edn :* M.A. (Hindi) in 1952, Ph.D. in 1958, LL.B. in 1962 from Saugar Univ.; *Resch Exp :* For over 13 years; *Pub :* Books on 'Dwevedi Yug ki Hindi Gadya Shailion ka Adhyan', 'Mukti Mimansa' besides over 30 research papers and articles; *Exp* : Vice Principal & Head, Hindi Dept., N. Degree College, Narsingpur; Principal, N.N. Mahavidyalaya, Gadarwara; Principal, Science, Arts & Commerce College, Dhamtri; currently completing D. Litt. thesis; *Mem :* Attended International Folklorists Conference at Bloomington, U.S.A., in 1966; Member Univ. Court; Regional Editor of 'Folklore'; *Knows :*

Hindi, English, Gujrati & Punjabi; *Hobb :* Collection of folk literature especially riddles ; *Add :* Sheokuti, Ganeshganj, Chourishi Gali, Hoshangabad, M.P.

CHOWDHARY, (Dr.) Dhirendranath Singh—Dean, Medical College, Jabalpur since April 1965; *b* 19 January 1919 at Etawah; *Edn :* M.S. (Anatomy) in 1949 from S.N. Medical College, Agra; Ph.D. in 1953 from Univ of Edinburgh, U.K.; *Resch Exp :* For 19 years ; *Pub :* Five research papers; *Exp :* Teaching Anatomy since 1943; *Mem :* Anatomical Society of India; *Visited* : Scotland for Ph.D.; *Knows :* English, Hindi, Urdu, French, German & Sanskrit; *Hobb :* Gardening; *Add :* Medical College, Jabalpur.

CHOWDHURY, (Dr.) Tapan Kumar—Lecturer in Agrl. Economics, U.P. Agrl. Univ., Pantnagar Since April 1965; *b* 15 March 1939 at Dinajpur in Bengal; *Edn:* M. Sc. (Agri) in 1960, Ph.D. in 1964 from BHU; *Resch Exp:* For seven years; *Pub:* Report on 'Economics of Jute cultivation in Tarai region of Nainital district' and a few papers; *Honours* ; Recepient of the Fellowship from I.C.A.R. and U.G.C. ; *Exp*: BHU, 1964, since 1965 at the U.P. Agrl. Univ.; *Mem*: Secy., Agrl. Society, Pantnagar; *Knows;* English, Bengali & Hindi; *Hobb:* Reading, photography & travel ; *Add:* c/o M. R. Das, M.A.B.L.. Makdumpur, Malda.

CHOWHAN, Manhar—Writer, novelist—*b* 10 August 1939 at Balodabazar in Dist. Raipur; *Edn:* F.A. in 1958 from Durga Arts College; *Pub:* Novels—'Toota Vyaktitva', 'Hirnasanwari', 'Surya Ka Rakta', 'Santulan—Asantulan', 'Seemayen', 'Raat Kho Gai'; Stories—'Bees Bubahon Ke Baad'; Children novels—'Khub Ladi Mardani', 'Haldi Ghati', 'Jai Bhavani', 'Hathi ka Shikar', 'Pupu', 'Rupa Aur Lalli', etc. ; *Honours*: Awarded several prizes by the M.P. Govt., Union Govt. & Ministry of Education; *Exp :* Editorial Staff member of 'Sarita', 'Saptahik Hindustan', 'Kadambini, etc., also contributing to A.I.R. and Television programmes; *Add :* K-103, Kirti Nagar, New Delhi-15.

CHOYAL, P. N.—Reader in Drawing & Painting, M.B. College, Udaipur since 1964; *b* 5 January 1924 at Kota, Rajasthan; *Edn:* M.A. (Hindi) in 1955 from Agra Univ. ; took training in painting from Jaipur School of Arts & Crafts, Sir J.J. School of Arts, School of Fine Arts (London), Banasthali Vidyapeeth (Rajasthan) ; *Pub*: Books on 'Rajasthan Chitrakala'. 'Rajasthani Chitrakala ki Preshtabhoomi', 'Modern Painting', several books for school courses; paintings published in 'Ajkal', 'Dharmyug', 'Navyug' & 'Hindustan' etc. ; *Honours:* Awarded 5 times by the Rajasthan Lalit Kala Akademy; *Exp* Govt. College, Kota, 1948-57; Lecturer, M.B. College, Udaipur, 1957-64; *Mem:* General Council & Executive Body of Rajasthan Lalit Kala Academy and other Bodies of Rajasthan Univ. ; *Knows :* Hindi & English; *Visited:* U.K. for higher studies in drawing and painting ; *Hobb:* Painting ; *Add:* E-9, Univ. Quarters, Ashok Road, Udaipur.

CHUGH, (Dr.) Manohar Lal—Head, Dept. of Social & Preventive Medicine, Medical College, Amritsar since August 1958; *b* 1 October 1918 at Sherkot in Dist. Jhang; *Edn :* I.D.T.M. in 1950 from School of Tropical Medicine, Calcutta; D.P.H. & D.T.H. in 1951 and 1952 from All India Institute of Hygiene & Public Health; M.P.D. & Dr. P.H. in 1953 and 1956 from School of Public Health, Annarbor, U.S.A. ; M. Sc. (Preventive Medicine) in 1958 from Harvard School of Public Health, U.S.A. ; *Resch Exp:* For over 15 years; *Pub:* About 10 papers; *Exp:* School of Medicine, Montreal, Canada; Medical College, Amritsar; School of Public Health, Annarbar; Boston Dispensary, Boston & Haynes Memorial Hospital, Boston, U.S.A. ; *Mem:* Indian Public Health Association, Indian Medical Association, Health American Public Association, British Medical Council ; *Knows :* English, Urdu, Hindi, Sindhi & Punjabi ; *Genl :* Interested in rural uplift and development of Hindu Culture ; *Visited* : U.S.A., Canada, U.K. & Yugoslavia etc.; *Hobb* : Visiting places of historical importance ; *Add* : Medical College, Amritsar.

d

DAMODARAN, G.R.—Director, P.S.G. Industrial Institute, Coimbatore since 1951; *b* 20 February 1914; *Edn :* B.Sc. (Elect. Engg) in 1939, B.Sc. (Mech. Engg.) in 1941 from King's College, Durham Univ., U.K.; *Exp* : Director of all PSG learning establishments, viz, PSG Industrial Institute, PSG Arts College, PSG College of Technology & Polytechnic since his return; *Mem :* The Institute of Elect. Engineers (London), The Institution of Nuclear Engineers (London), The American Society for Engineering Education, The American Management Association, The Institution of Engineers (India), Legislative Council of Madras State in 1958 and 1964, Member of Parliament of India during 1952-57; Chairman of Board of Studies in Engg., Univ. of Madras; Board of P.G. Engg. Studies & Research, Govt. of India; Member of National Productivity Council, All India Council of Technical Education, Association of the Principals of Technical Institutions (India); Member of the Syndicate of Madras Univ.; Chairman, Expert Cttee on Reorganisation of Practical Training Stipend Scheme, Govt. of India; President, Coimbatore Productivity Council; President Southern India Engg. Manufacturers' Association; Member State Industries Development Advisory Cttee, State Labour Advisory Board and several other bodies; *Visited* : U. S. A., U. K., W. Germany & Italy; attended U. N. Conference on New Sources of Energy held at Rome in 1961; *Add* : Anbarangam, Kamaraj Nadar Road, Redfields, Coimbatore-1.

DANDEKAR, Kumudini—Head, Section in Demography & Population Studies, Gokhale Institute, Poona-4 since 1950; *b* 14 March 1922 at Ghodnadi in Dist. Poona; *Edn* : M. A. (Statistics) in 1945 from Calcutta Univ.; *Resch Exp :* For 20 years in demography; *Pub* : 35 research papers, 6 book form reports; *Exp* : For past 20 years at Gokhale Institute; *Mem* : International Population Union, besides numerous expert bodies in population studies; *Visited* U S.A. in 1957-58, 1960, 1961, 1963; Europe & Australia in 1965 to attend conferences; *Hobb :* Vocal music; *Add* : D. & P.S. Section, Gokhale Institute, Poona-4.

DAS, Bivacor—Dept. of Linguistics, I.I.T., Kharagpur since 1958 *b* 26 December 1908 at Chinsurah in W. Bengal; *Edn* : M. A. (English) in 1931 from Calcutta Univ., Dip. in French in 1950 from Alliance Francaise, Dip. in German in 1951 from Subhas Institute of Culture; Dip. in Russian in 1961, Special Course in Russian in 1962 from, Moscow State Univ.; *Resch Exp*: In frequency listing of most commonly used terms and expressions in Russian Scientific and Technical Literature; similar project in German; *Pub :* 'Russian for Indian Students of Science & Technology' and 'German for Indian Students of Science & Technology' and similar books in French; *Exp*: Bankura Wesleyan College, Bankura 1932-44; *Mem* : Alliance Francaise of Calcutta, Indian Scientific Translations Association, Indo-Soviet Cultural Society; *Knows* : English, Russian, German, French, Spanish, Italian, Bengali and Sanskrit; *Visited* : U.S.S.R., France, Germany & U.K.; *Hobb* : Gardening, languages studies, palmistry etc.; *Add* : Dept. of Linguistics, I.I.T., Kharagpur.

DAS, (Dr.) Chinmoy Ranjan—Pool Officer, Dept. of Botany, Presidency College, Calcutta-12 since April 1967; *b* 1 July 1932 at Bhairabazar in Dist. Mymensing; *Edn* : M.Sc. (Bot) in 1954 from Presidency College; Dr. rer. nat. in 1966 from Univ. of Goettingen, W. Germany; *Resch Exp* : For over 15 years; *Pub :* Five research papers, reports etc.; *Exp :* Bose Research Institute, Calcutta; State Agrl. Research Institute, Calcutta; Botanical Survey of India, Calcutta; Central National Herbarium, Calcutta; Geo-botanical Institute, W. Germany; *Mem :* Botanical Society of Bengal; *Genl* : Can play on Indian wire musical instruments; *Knows* : German, English, Latin, Sanskrit, Hindi & Bengali; *Visited* : W. Germany, Austria, France,

Spain, Switzerland, Italy & U.K. to study and attend conferences; *Hobb* : Photography, philately & coin-collection etc.; *Add* : 83/A, Shapur Main Road, Calcutta-38.

DAS, Kailash Chandra—Lecture in Agronomy, Utkal Krishi Mahavidyala, Bhubaneswar since 1964; *b* 28 February 1935 at vill. Jagati in Dist. Cuttack; *Edn* : M.Sc. (Agronomy) in 1960 from I.A.R.I., New Delhi: *Resch Exp* : For 8 years in fertilizer use, irrigation, water management and crop production; *Pub* : About 25 research papers published in journals of repute; *Honours* : First amongst B.Sc. candidates of Utkal Univ. in 1958; *Exp* : For 3½ years at Agricultural Research Station, Sambalpur; *Mem* : Indian Society of Agronomy (New Delhi), Indian Science Congress; *Knows* : English, Oriya, Hindi & Bengali; *Hobb* : Gardening and indoor games; *Add* : Dept. of Agronomy, Utkal Krishi Mahavidayalaya, Bhubaneswar.

DAS, (Dr.) Manmath Nath—Head, Dept. of History, Utkal Univ., Bhubaneswar-4 since 1961; *b* 5 January 1926 at Balasore; *Edn* : M.A. (Hist.) in 1948 from Allahabad Univ., Ph.D. in 1956 from London Univ., D. Litt. in 1964 from Utkal Univ.: *Resch. Exp* : For over 4 years; *Pub* : Books on 'Glimpses of Kalinga History', 'Economic & Social Development of India', 'The Political Philosophy of Jawaharlal Nehru' & 'India Under Morley & Minto' besides papers; *Honours* : Recepient of Rockfeller Award for work on South & South-East Asian History; *Exp* : F.M. College, Balasore 1948-53; S.C.S. College, Puri 1953-54; Ravenshaw College, Cuttack 1957-59; *Mem* : Academic Council, Senate of Utkal Univ.; Indian History Congress, Indian Historical Records Commission; *Genl* : Deputed by the Govt. of India to deliver a series of lectures in Soviet Universities in the U.S.S.R. in 1962; *Visited* : U.K., U.S.S.R.; *Knows* : English, Oriya, Bengali & Hindi; *Add* : Dept. of History, Utkal Univ., Bhubaneswar.

DAS, (Dr.) Mihir Kumar—Scientist, C. M. E. R. I., Durgapur since October 1967; *b* 2 November 1939 at Purulia; *Edn* : Ph. D. (Machine Tools) in 1965 from Birmingham Univ., U. K.; *Resch Exp* : For over 7 years; *Pub* : Four research papers; *Honours* : Awarded post-doctoral fellowship in U.K.; *Exp* : Birmingham Univ., U.K; *Mem* : A.M.I E. (India); *Knows* : English, Bengali & Hindi; *Visited* : U.K. & W. Germany; *Hobb* : Travelling and writing; *Add* : Design Division, C.M.E.R.I., Durgapur.

DAS, (Dr.) Nabagopal—Economic Adviser and Vice-President, Hindustan Motors Ltd., Calcutta since 1964; *b* 20 February 1910 at Dacca; *Edn* : Ph.D. (Econ) in 1937 from London School of Economics, London; *Pub* : Books on 'Industrial Enterprises in India', 'The Public Sector in India, 'Experiments in Industrial Democracy', 'Unemployment and Employment Planning' besides five novels, four short story books and a book of memoirs in Bengali; *Honours* : Griffith Memorial Prize 1935; *Exp* : Indian Civil Service 1932-58; Director General, Employers Federation of India, Bombay, 1959-63; *Mem* : Fellow of the Royal Economic Society (London), Founder Member of the Indian P.E.N.; *Knows* : Bengali, English, French, & Hindi; *Visited* : U.K., Europe, Switzerland, U.S.A., Japan on several occasions; *Hobb* : Photography & philately; *Add* : 4 Jubilee Park Tollygunge, Calcutta-33.

DAS, (Dr.) Nripendra Narayan—Principal, Maharaja Siris Chandra College, Calcutta-4 since June 1965; *b* May 1900 at Calcutta; *Edn* : M.A. (Com) in 1924, LL.B. in 1925 from Calcutta Univ, Ph.D. in 1942; *Resch Exp* : Ph.D. thesis on 'Some aspects of Problem of Protection in India; *Pub* : Numerous articles on Industry, competition and tariff in India; *Honours* : Mohindra Nath Ray Gold Medal and prizes from Cal. Univ.; *Exp* : Maharaja Manindra Chandra College; *Knows* : English & Bengali; *Hobb* : Chess; *Add* : Maharaja Siris Chandra College, Calcutta-4.

DAS, (Dr.) Prasun Kumar—Head, Dept. of Pharmacology, College of Medical Sciences, BHU, Varanasi since May 1962; *b* 13 September 1927 at Meerut; *Edn* : M.D. in 1952 from Agra Univ.; M.Sc. (Pharm) in 1955 from Rajasthan Univ.; *Resch Exp* : For 18 years; *Pub* :

90 research papers in reputed journals; *Exp* : Medical College, Agra; S.M.S. Medical College, Jaipur; Lady Hardinge Medical College, New Delhi; *Mem* : The Association of Physiologists & Pharmacologists of India, Indian Medical Association, The Association for Advancement of Medical Education; *Knows* : Bengali, Hindi & English; *Hobb* : Literature & game; *Add* : College of Medical Sciences, BHU, Varanasi.

DAS,(Dr) Ramesh Chandra—Head, Dept. of Horticulture, Utkal Krishi Mahavidyalaya, Bhubaneswar since September 1964; *b* 8 October 1925 at Pratapdhananjaypur in Dist. Ganjam; *Edn* : M.Sc. (Agri) in 1956 first class first from Govt. Agri. College, Kanpur; Ph.D. in 1964 from Univ. of Missouri (U S A.); *Resch Exp* : For over 20 years; *Pub* ; 12 research papers; *Honours* : Merit Scholarship for standing first in M.Sc.; Gama Sigma, Delta in U S.A.; *Exp* : Asst. Botanist 1948-49; Manager of Farms 1949-50; Asstt. Horticulturist, Orissa 1950-56; Dist. Agrl. Supervisor 1956-57; Asstt. Prof. 1957-64; *Mem* : President of Orissa Horticultural Members & Farmers Forum, Indian Science Congress, Council of Indian Horticultural Society, American Horticultural Society; *Knows*: English, Oriya, Hindi & German; *Visited* : U.S.A., U.K., France, Japan & Hongkong; *Hobb* : Gardening; *Add* : Plot 56, Udyan Bhaban, Surya Nagar Unit-VII, Bhubaneswar.

DAS, (Dr.) S.M.—Prof. & Head, Dept. of Zoology, J&K Univ., Srinagar since 1961; *b* 1909 at Dehra Dun; *Edn:* M.Sc. in 1930, D.Sc. in 1934 from Univ. of Lucknow; Dip. in Physiology in 1948 from Woods Hole, U.S.A.; Training in Fisheries in 1946-47 from Dove Marine Laboratory, U.K.; *Resch Exp:* For 30 years in Zoology & Marine Biology and for 20 years in Fish Ecology; *Pub*: Books on 'Giant Animals', 'Herdmania', 'Funambulus' etc. besides 150 original papers on General Zoology, Marine Biology, Ecology and Ichthyology; *Honours*: Bonerjee Research Prize 1934, Gold Medal for Fish Research, Hindi Science Prize by U.P. Govt.; *Exp*: Lecturer 1936-51, Reader 1952-60, Lucknow Univ ; Prof. & Head, J&K Univ. 1961-68; Dean, Faculty of Science, J&K Univ. since 1967; *Mem:* President of Ichthyological Society of India, Indian Academy of Zoology, National Academy of Science (1967); Fellow, Zoological Society of London, Zoological Society of India, National Academy of Sciences (India), Ecological Society of India, Member of U.G.C. Visiting Cttee; *Visited:* U.K., U.S.A. for training; Europe for Diploma; *Knows:* English, Hindi, Bengali & German; *Hobb:* Tennis & Golf; *Add:* Dept. of Zoology, J&K Univ., Srinagar.

DAS, Santosh Kumar—Principal, Belonia College, Tripura since 1964; *b* 14 March 1899 at Kidderpore, Calcutta; *Edn:* M.A. (History) in 1921, M. A. (Econ) in 1922 from Calcutta Univ.; *Resch Exp:* in the field of manuscripts; *Pub:* 'History of Ancient India,' 'Educational System of the Ancient Hindus', 'The League of Nations'; *Exp:* Prof. of History & Economics 1922-48; Principal, Diamond Harbour College 1948-55; Katwa College 1955-60; Amta Ramsadya College 1960-64; *Mem*: Secy. of Howrah Town Club (1919-21) and other educational and sports bodies; *Genl:* Prepared a descriptive catalogue of 18,000 manuscripts lying in Nepal Govt. Library; Editor of 'Mahishya Samaj' 1921-40; *Knows*: Bengali, English, Tibetan, Parbatia & German; *Visited:* Nepal for teaching 1932-37; *Add*: Belonia College, Tripura.

DAS, (Dr.) Shailendra Mohan—Prof. & Head, Dept. of Zoology, J & K Univ., Srinagar since 1961; *b* 1909 at Dehra Dun; *Edn:* M.Sc. in 1930 first class first, D.Sc. (Ichthyology) in 1934 from Lucknow Univ.; *Pub:* Books on 'Herdmania', 'Squirrel', 'Giant Animals', 'Six mines under the Sea', 'Bhimkai Prani', 'Jantushastra', besides 150 original papers; *Honours:* Banerjee Research Prize 1934, Research Gold Medal from National Academy of Sciences (India) 1957, Hindi Science Prize 1960 & 1966 (U.P. Govt.); *Exp*: Reader in Zoology, Lucknow Univ. 1936-60; Dean Faculty of Science, J & K Univ. 1961-68; *Mem:* Fellow, Zoological Society of London & India, National Academy of Sciences, Academy of Zoology; President, International Society of Ichthyology & Hydrobiology; *Knows:* English, Hindi, Bengali & Urdu; *Visited*: U.K., U.S.A., Continent for research in Ichthyology; *Hobb:* Indoor games; *Genl:* Produced 10 Ph.Ds., 6 research schemes run under personal charge, President of National Academy of Sciences (Biology-1966), editor of several science journals, Director U.G.C. Summer School of Sciences (Biology) for Kashmir in 1967, Member of High Altitute Fisheries 1958, I.B.P. (P.F.) Cttee 1967, U.G.C. Visiting Inspection Team for Universities 1967, UNESCO Seminar on Ecology, Nepal 1968; *Add:* Dept. of Zoology, J & K Univ., Srinagar.

DAS, Shridhar—Reader & Head, Dept. of Oriya, Christ College, Cuttack since 1949; *b* 1 October 1902 at Puri; *Edn*: Dip. in Education in 1930 from Cuttack Training College, Cuttack; M.A. (Oriya) in 1942 from Patna Univ.; *Pub*: Oriya-Oriya-English Dictionary, Student's English-Oriya Dictionary, Gulliver Katha, Pruthivi Pain Jala, Vichitra Kahani, Sarvasara Vyakarna etc.; *Exp;* Head Master, S.K. Academy, Jagatsinghpur; Joined Christ College 18 years ago; *Mem*: Senate of Utkal Univ., Paper-setter in Oriya for Utkal, Ranchi & Visva Bharati Universities; *Knows:* English, Bengali, Hindi & Oriya; *Add*: Deulsahi, Cuttack-1.

DAS, (Dr.) Sitansu Bhusan—Principal, Siliguri College, Siliguri, Dist. Darjeeling since 1962; *b* 1924 at Comitta, East Pakistan; *Edn*: M.A. (Phil) in 1947, Ph.D. in 1960 from Calcutta Univ.; *Pub:* Books on 'The Philosophy of J. Royce', 'The Ways of the Eastern Mystic'; *Honours:* Recepient of Fulbright Scholarship; *Exp:* Teaching Hons. & Pass class for 17 years; Post-Graduate for past 5 years; *Knows:* English, Bengali, Hindi, Sanskrit, German & French; *Visited:* U.S.A, & U.K. for higher studies; *Hobb :* Gardening ; *Add:* Siliguri College, Siliguri, Dist. Darjeeling.

DAS GUPTA, (Dr.) Biswapati—Prof. & Head, Dept. of Zoology, Darjeeling Govt. College, Darjeeling since 1964; *b* 2 December 1928 at Chittagong, East Pakistan; *Edn*: M.Sc. (Zoology) in 1952 from Calcutta Univ., Ph.D. in 1958 from London Univ.; *Resch Exp:* At the Indian Veterinary Research Institute, Mukteswar; School of Tropical Medicine, Calcutta; London School of Hygiene and Tropical Medicines; *Pub:* Over 30 scientific papers published in international journals of repute; *Exp;* Asstt. Prof., Darjeeling 1959-64; Part-time lecturer, Univ of North Bengal 1962-63; Head, Dept. of Zoology, Univ. of N. Bengal since 1964; *Mem*: Royal Society of Tropical Medicine and Hygiene, Wild Life Disease Association (U.S.A.), Zoological Society of India (Calcutta); *Genl*: Now working as Chief Investigator in the Scheme of 'Malarial infection in the Himalayan flying squirrels sponsored by W. H. O.; *Knows:* English & Bengali; *Visited:* U.K., Republic of Ireland' Czechoslovakia for higher studies and attending conference; *Add*: Vill. Rampur, P.O. Mahestala-Govindapur, Via Batanagar, Dist. 24 Parganas.

DASGUPTA, (Dr.) H.N.—U.G.C. Prof,, Dept. of App. Chem., Univ. College of Science & Technology, Calcutta-9 since August 1965; *b* December 1904 at Fullasree in Dist. Barisal; *Edn:* M.Sc. (App. Chem.) in 1928, D.Sc. in 1938 from Calcutta Univ.; *Resch Exp:* For past 40 years guiding research students; *Pub:* Numerous books and articles mostly on glass and ceramics; *Exp:* Univ. College of Science, Calcutta Univ., Calcutta 1933-48; Prof. & Head, Dept. of Chemistry, Fuel & Matallurgy, Indian School of Mines, Dhanbad 1948-61; Prof. & Head, Dept. of Silicate Techy., BHU, Varanasi 1961-65; Acting Principal of College of Techy., BHU for 1½ years; *Mem:* Indian Chemical Society, Indian Science Congress, Indian Standards Institution (Glass Section), Council of Indian Ceramic Society; President of Engg. & Metallurgy Section of Indian Science Congress 1961; *Knows:* English, Bengali & Hindi; *Visited*: U.K., E. German, Belgium, France & Switzerland; *Add:* 5/3, Kali Charan Dutta Road, Calcutta-9.

DAS GUPTA, (Dr.) Kalyan Kumar—Lecturer in Ancient Indian History & Culture, Univ. of Calcutta, Calcutta since June 1963; *b* July 1935 at Jullundur; *Edn:* M.A. (Hist) in 1956, M.A. in 1960, D.Phil. in 1965 from Calcutta Univ.; *Resch Exp*: In 'Tribal Coins of India' for 5 years; *Pub:* Books on 'The Audumbaras', 'The Malavas', edited 'Dwarkanath Thakur', 'Sonata—poetical collection of self composed poems, 'Ekti Diner Janmadine', 'Rajendralal Mitra' etc. besides several articles; *Exp:* Govt. Sanskrit College, Calcutta 1960-63; *Mem:* Secy. to Cttee of Tribal Arts & Handicrafts Exhibition (Calcutta 1959), Tagore Centenary Claymodel Exhibition Cttee (Calcutta 1961), Indian History Congress, Council of Asiatic Society, Library Secy. of Asiatic Society (1968); *Genl:* Leading Bengali poet of the new School; *Knows:* Bengali, Sanskrit, Hindi, English & German; *Hobb:* Collection of stamps, images, coins and old documents; *Add:* 42/1A, Sarat Bose Road, Calcutta-20.

DAS GUPTA, (Dr.) Mrinal Kumar—Prof., Centre of Advanced Study in Radiophysics & Electronics, Calcutta Univ., since 1968; *b* 1 September 1923 at Barisal in W. Bengal; *Edn*: M.Sc. (Physics) in 1946 with first class first from Dacca Univ., Ph.D. (Radio Astronomy) in 1954 from Manchester Univ., U.K.; *Resch Exp*: For 20 years in Atmospherics, Ionosphere, Radio-astronomy; *Pub*: About 25 research papers on Radio-astronomy; *Exp:* Lecturer 1954-60, Reader 1960-68 at Centre of Advanced Study in Radio-physics & Electronics, Calcutta; *Mem:* Indian Physical Society, Bangiya Bijnan Parishad, Senate of the Calcutta Univ.; *Genl*: First astronomer in India, writer of popular science articles in Bengali & English; *Knows:* Bengali & English; *Visited:* U.K., Holland, Amsterdam, W. Germany & France for research and tour; *Hobb:* Popularization of science by writing; *Add:* Centre of Advanced Study in Radio-Physics & Electronics, Calcutta-9.

DASGUPTA, (Smt.) Mrinalini—Founder Principal, Govt. Senior Basic Training College, Calcutta, since 1961 ; *b* 1920 at Calcutta; *Edn* : M. Sc. (Edn) in 1955 from Univ. of Calcutta, S. C. O. E. in 1961 from Univ. of Leeds, U.K. ; *Resch Exp* : In the field of 'Selection and assessment of Teachers in Training Colleges' ; *Pub* : Several articles on educational aspects, read paper in All India Federation of Educational Associations in 1966 ; *Exp* : Sir N.N. Girls Higher Sec. School, Calcutta ; Founder Principal, Sree Rama Krishna Senior Basic Training College, Darjeeling ; Visiting Lecturer, Bal Sevika Sikshan Kendra ; Hony. Lecturer, Tagore Research Institute ; *Mem* : Implementation Cttee for the improvement of the Elementary Education, other clubs and academic bodies ; *Genl* : Started night schools at two places in Bengal ; *Knows* : English, Bengali & Sanskrit ; *Visited* : U.K. ; *Hobb* : Photography & gardening ; *Add* : 98, Beltola Road, Calcutta-26.

DASGUPTA, (Dr.) Pramod Ranjan—Senior Scientist, C. D. R. I., Lucknow since May 1959 ; *b* 2 February 1917 at Chittagong ; *Edn*: M. Sc. (Chem) in 1940 first class first from Dacca Univ., Training in Hormone 1955-57 from Univ. of Cambridge, U.K.; D. Phil. in 1961 from Univ. of Calcutta, Training in Reproductive physiology 1963-64 from Worcester Foundation, U.S.A. ; *Pub* : Book on 'Short Course of Practical Chemistry' besides 30 articles on protein hormones, growth hormone, thyroid hormones, review articles etc. ; *Exp* : Chittagong Govt. College, 2 years ; Krishnagar Govt. College, 6 months ; Presidency College 12 years, Cal. Univ. Science College 1 year ; *Mem*: Fellow of the Royal Institute of Chemistry, London ; *Genl* : Member Officer of N.C.C., wrote drama on the life of Shri P.C. Ray and broadcast by A.I.R.; *Knows* : English & Bengali ; *Visited* : U.K., France, W. Germany & U. S. A. for training ; *Hobb* : Photography ; *Add* : Division of Endocrinology, C.D.R.I., Lucknow.

DAS GUPTA, (Miss) Prativa—National Council of Educational Research & Training, New Delhi since September 1965; *b* 10 July 1938 at Silchar in Assam; *Edn*; M.A. (Phil) in 1960 from Calcutta Univ., P.G. Dip. in Basic Education in 1962 from Directorate of Education of W. Bengal Govt.; *Resch Exp* : In the field of Elementary Education for over 5 years; *Pub* : Tagore & Western Philosophies on the concept of Reality, Spelling Mistakes besides a few articles; *Exp* : Experimental School of P.G.B.T. College, Banipur 1962-64; Jr. Basic Training College, Kalanabagram 1964-65; *Knows* : Bengali, English, Sanskrit, Hindi & French; *Hobb* : Kitchen gardening; *Add*: c/o Miss Dr. Mookherjee, 301-E, Curzon Road Hostel, New Delhi-3.

DASGUPTA, (Dr) Rabindra Kumar—Head, Department of Modern Indian Languages, Univ. of Delhi, Delhi since 1962; *b* 11 July 1915 at Calcutta; *Edn* : M.A. (English) in 1937, P.R.S. in 1941, D. Phil. (Bengali) in 1949 from Calcutta Univ.; D. Phil. (English) in 1957 from Oxford Univ. ; *Pub*: Books on 'English Poets on India & other Essays', 'Macaulay's Historical Writings on India', 'History of India, Pakistan and Ceylon' (Edited), besides several literary articles; *Honours* : Recepient of Regina Gua Gold Medal, Mitra Research Scholarship, Mouat Gold Medal (1948), Shri Rash Behari Ghosh Overseas Fellowship (1955); *Exp* : Tagore Prof. of Bengali Languages & Literature, Univ. of Delhi since 1962;

Dean, Faculty of Arts, Delhi Univ., 1964-67; *Mem :* Royal Society of Literature (U.K.), British Society of Aesthetics (U.K.), The English Association (U.K.), Modern Humanities Research Association (U.K.), President of M.I.L. Association in Univ. of Delhi. President of Bengali Literary Union (Delhi); *Knows :* English, Bengali, Hindi & Sanskrit; *Visited :* U.K. (1955-57), Athens (1960), Amsterdam (1964), Belgrade (1967), besides Japan, U.S.A., France, Germany & Italy ; *Add :* Dept. of Modern Indian Languages, Univ. of Delhi, Delhi.

DASH, Jugal Kishore—Principal, Banki College, Banki, Dist. Cuttack since July 1964; *b* 6 October 1936 at Keonjhargarh in Dist. Keonjhar; *Edn:* M.A. (Psy) in 1959 first class first & winner of Gold Medal and cash prize from Patna Univ.; *Resch Exp:* For about 2 years; *Pub:* A few articles in magazines; *Exp:* Head, Dept. of Psychology, Banki College 1961-64; *Mem:* Member of Senate, Academic Council, Board of Studies in Psychology and Board of Conducting Examiners of Utkal Univ.; *Knows:* English, Oriya, Hindi & Bengali; *Hobb:* Photography & reading scientific fiction; *Add:* At Garhsahi, P.O. & Dist. Keonjhar, Orissa.

DASH, (Dr.) Shreeram Chandra—Prof. & Head, Dept. of Pol. Sc., Utkal Univ., Bhubaneswar since July 1963; *b* Aged about 49 years, born at Biranarasinghpur in Dist. Cuttack; *Edn:* M.A. in 1942 from Patna Univ., D. Phil. in 1954 from Free Univ. (Berlin), LL.B. in 1960 from Utkal Univ.; *Resch Exp:* For about 7 years; *Pub*: Books on 'The Constitution of India: A comparative Study', 'The Life & Works of Utkalmani Gopabandhu Das', edited the Indian Journal of Pol. Sc. 1964-66; Oriya book on 'Europare mo anubhuti'; *Exp:* For 23 years; *Mem:* Syndicate, Senate of Utkal Univ , Executive of the Sahitya Academy (Orissa), Indian Political Science Association, Indian Institute of Public Administration; *Knows:* Oriya, Hindi, Bengali, English, Sanskrit & German; *Visited*: W. Germany, Pakistan, Egypt, Italy, Austria, Switzerland, France & U.K.; *Hobb:* Journalism; *Add*: Dept. of Pol. Sc., Utkal Univ., Bhubaneswar.

Da Silva, Msgr. Anacleto Carmo Andre—Rector, Seminary of Rachol, Goa since June 1953; *b* 16 July 1921 at Nairobi in Kenya; *Edn*: Licenciate (Holy Scriptures) in 1952 from Pontifical Biblical Institute, Rome; Ph.D. (Theology) in 1953 from Pontifical Gregorian Univ. (Rome); *Resch Exp:* Did research in 'Newman Theology' and defended thesis in Theology on Newman's Doctrine of Justification; *Pub:* About 10 books on theological subjects; *Exp*: In the Seminary of Rachol, since 1953; *Mem:* Institute Menezes Braganza (Goa), Catholic Bibilical Association (Washington), Konknni Bhasha Mandal; *Visited:* Switzerland, Austria, Italy, France, Portugal, Spain & Holland; *Knows:* Konknni, Marathi, Sanskrit, Portuguese, French, English, German, Spanish, Latin, Greek & Hebrew; *Hobb:* Photography; *Add:* Seminary of Rachol, Goa.

DATAR, (Dr.) Dinkar Sripat—Director, Central Salt & Marine Chemicals Research Institute, Bhavnagar since 1963; *b* 16 July 1911 at Hyderabad; *Edn*: M.Sc. in 1936, Osmania Univ., Ph.D. (Chem) in 1941 from Bombay Univ., A.I.I.Sc. (Bangalore); *Resch Exp:* For over 25 years in Inorganic & Physical Chemistry; guided about 100 research workers; *Pub*: 25 patents to his credit, over 140 research papers published; *Exp:* Dept. of Chemistry, D.A.V. College. Sholapur 1942-46; *Mem:* Board of Directors, Hindustan Salts Ltd., Jaipur; Central Salt Advisory Cttee, Development Council for Inorganic Chemicals; Board of Studies of Gujarat & Saurashtra Universities; Indian Chemical Society, Indian Ceramic Society, Indian Institute of Chemical Engineers, Indian Science Congress, Andhra Pradesh Academy of Sciences; *Genl:* Recognised examiner and teacher for numerous universities of India; *Knows:* English, Urdu, Hindi, Marathi & Gujrati; *Visited:* W. Germany in 1965; *Add*: C.S.M.C.R.I., Waghavadi Road, Bhavnagar-2.

DATT, Ruddar—S.D. College, Dhaula Kuan, New Delhi-23 since 1959; *b* 30 May 1930 at Jagraon; *Edn*: M.A. (Econ) in 1952 from Panjab Univ.; *Resch Exp*: On 'Unit cost of Education in Arts Colleges of Haryana'; *Pub*: Books on 'Indian Economy', 'Bhartiya 'Arth-vyavstha', 'Understanding an Economy' & 'Arthik Vyavstha aur Vikas'; *Exp*: Vaish College, Rohtak 3 years; G.M.N. College, Ambala Cantt 3 years; *Knows*: English, Hindi, Urdu & Panjabi; *Add*: S.D. College, Dhaula Kuan, New Delhi-23.

DATTA, Dwijendra Nath—Principal, Lal Baba College. Howrah since October 1965; *b* 1 October 1898 at Faridpur in E. Pakistan; *Edn*: M.A. (Econ) in 1921, LL.B. in 1922 from Calcutta Univ.; *Pub*: Numerous articles in daily papers and College magazines; *Exp*: Private Legal Practitioner, 1923-32; Hony. Asstt., Secy., Bar Association, 1928-29, College teaching 1932-65 at Narasingh Dutta College; *Mem*: Secy. Teachers' Council, Head of Examiners' Board of Calcutta Univ.; *Genl*: Interested in social and political life of country; *Knows*: English, Bengali, Sanskrit & Hindi; *Hobb*: Gardening and fiction reading; *Add*: 174, Kankulia Road, Calcutta-19.

DATTA, (Dr.) Sunilchandra—Scientist-in-Charge, Central Indian Medicinal Plants Organisation, Lucknow since October 1965; *b* 1 October 1916 at Calcutta; *Edn:* M.Sc. (Bot) in 1938, D.Phil. (Pharmacognosy) in 1950 from Calcutta Univ., D.Sc. (Biology) in 1955 from Philadelphia College of Pharmacy & Science, (U.S.A.); *Resch Exp*: In Botany (Anatomy), Pharmacognosy and plant chemistry; *Pub:* Books on 'Pharmacognosy of Indian Root & Rhizome Drugs', 'Pharmacognosy of Indian Leaf Drugs', besides over 60 papers on above subjects in Indian and foreign journals; *Honours:* Winner of Newcomb Memorial Award of the American Foundation for Pharmaceutical Education (U.S.A.); *Exp:* Lecturer, Dacca Intermediate College, Dacca; Instructor in Pharmacognosy, Philadelphia College of Pharmacy & Science, U.S.A. 1953-55; *Mem*: Alumni Association (U S.A.), Indian Science Congress, Indian Pharmacopeia Cttee of Govt. of India, Cttee of WHO, Central Council of Ayurvedic Research of Govt. of India; *Genl:* Extensively surveyed the medicinal and aromatic plant sources in India; *Knows*: English, Bengali, Hindi, Sanskrit, German & French; *Visited:* U.K., U.S.A. & Ceylon for study and research; *Hobb*: Music, swimming & literary pursuits; *Add:* Central Medicinal Plants Organisation, Lucknow.

DATTATRAYA, Ganesh Godse—Head, Dapt. of App. Arts, M.S. Univ. of Baroda, Baroda since 1966; *b* 3 July 1914 at Wadoda in Dist. Khandesh; *Edn:* Training in Painting & Drawing from Slade School, London; *Pub*: A treatise on 'Texture' and 'Whistler'; *Honours:* State Award from Maharashtra Govt. for 'Texture'; *Exp:* J.J. School of App. Arts, Bombay; *Mem*: Member, Secretary and Chairman of the Commercial Artists Guild, Bombay; *Genl:* Art Director in the film industry 1949-52; *Knows*: Marathi, English & Hindi; *Visited*: U.K. for higher training; *Hobb:* Music, reading & theatre; *Add:* Faculty of Fine Arts, M.S. Univ. of Baroda, Baroda.

DAVE, Arunkumar Dinkarlal—Head, Dept. of Animal Husbandry, Gujrat College of Veterinary Science and Animal Husbandry, Anand, Gujrat, since August 1967; *b* 24 November 1928 at Karnali in Dist. Baroda; *Edn*: M.Sc. (Animal Husbandry) in 1960 from B.A. College of Agriculture; P.G. Training in Dairy Husbandry for 1961-62 from Kansas State Univ., U.S.A.; *Resch Exp*: For 7 years; *Pub*: 3 articles on milk production etc.; *Exp*: Northcote Cattle Farm 1951-54; Institute of Agri., Anand 1954-61; U.S.A., 1961-62; Institute of Agri., Anand 1962-67; *Mem*: Indian Dairy Science Association; Member. Board of Studies in Animal Husbandry & Dairying, Veterinary Science, Faculty of Agriculture of S P. Univ., Gujrat; *Genl*: experienced in Dairy Cattle, herd management, Dairy Farm management, Grassland management; *Knows*: Gujrati, Hindi & Eng ish; *Visited*: Univ. of Kansas State and Missouri. U.S.A.; *Hobb*: Study of Hindu philosophy; *Add*: Gujarat College of Vet. Science and Animal Husbandry, Anand.

DAVE, (Dr.) Indravadan Kashinath—Principal, J M. Shah Arts & Commerce College, Jambusar, Gujarat, since April 1964; *b* 8 October 1922 at Shehera in Dist. Panchmahal; *Edn:* M.A. (Gujrati) in 1947 from Bombay Univ,; Ph.D. (Kalapi - critical study of his mind and literature), from Gujrat Univ.; *Resch Exp*: For 20 years in the field of 'Birthdate of Kalapi, the unpublished letters of Kalapi, Drama and literature'; *Pub*: Books on 'Kalapi No Kekarava', 'Granth ane Granthkar', 'A Life of Kalapi' etc.; *Honours*: Univ. B.K. Thakar Gold Medal in M.A., K.H. Dhru Medal; *Exp*: Lecturer, Gujrat College, Ahmedabad 10 years; Prof. of Gujrati, Porbandar Mahila College 4 years; Prof. of Gujrati, Kapadwanj College, Kapadwanj, 3 years; *Mem*: Gujrati Sahitya Parishad; *Genl*: Actor and producer of some Gujrati plays: *Knows*: Gujrati, Hindi, English & Sanskrit; *Hobb*: Acting, art & music; *Add*: J.M. Shah Arts & Commerce College, Jambusar, Gujrat.

DAVE, Jayanand Laxmishanker—Principal, Shri U.N. Mehta Arts College, Morvi since April 1962; *b* 25 October 1917 at Dhrangadhra, Gujrat; *Edn*: M.A. (Sanskrit) in 1940 from D.J. Sind College, Karachi *Resch Exp*: In the Gujrati & Sanskrit literature for over 15 years; *Pub* : Books on 'Sanskrit-Bhasha-Parichaya' in 2 parts, besides several papers on Gita and Rasa ; *Exp* : Gujarat Vidyalaya, Karachi ; H.P, Karia High School, Karachi ; D. J. Sind College, Karachi ; Siddharth College, Bombay ; *Mem :* Governing Council, Kandivli Education Society, Bombay ; Board of Studies in Sanskrit, Bombay Univ. ; Senate, Faculty of Arts, Board of Studies in Sanskrit of Gujarat Univ. ; Member, Senate. Faculty of Arts Board of Studies in Sanskrit of Saurashtra Univ. ; Hony. Secy., Pragati Samaj School, Bombay ; Governing Council, Shri Sarvodaya Education Society, Bombay ; *Genl* : Produced several programmes for AIR, co-edited several Weeklies and journals ; *Knows :* Gujarati, Hindi, English & Sanskrit; *Add :* Jiwansinghji Jadeja's Bungalow, Behind Govt. Rest House, Morvi.

DAVE, Jayantkrishna Harikrishna—Hony. Director, Bhartiya Vidya Bhawan, Chowpatti, Bombay-7 since 1964; *b* August 1909 at Surat; *Edn* ; M.A. (Sanskrit) in 1932, LL.B. in 1933 from Bombay Univ., Vidya Vachaspati from His Holiness Jagadguru Sankaracharya of Shardapeeth, Dwarka; *Pub* : books on 'Vyavahara Prakasha of Prithvichandra' in 3 volumes, 'Grihastha Prakasha of Prithvichandra', 'Immortal India' in four volumes, Gujarat Sahitya ka Itihas', 'Gujarati Sahityano Suvarna Mahotsav ane Arvachin Sahitya Pravaha'; Editor of Bhavan's journal, Bharati, Bhartiya Vidya; General Editor of Bhartiya Vidya Series, Arasur Ambika Shakti Peeth Granth Mala, numerous research studies and critical papers, broadcast talks on Indology and Sanskrit on A.I.R., editing critically the Manu-smriti; *Exp* : Lecturer in Sanskrit, Elphinstone College, Bombay 1931; Gujarati College, Ahmedabad 1935-36; Prof.of Hindu Law in Bombay Univ. 6 years; Hony. Gen. Secy. of Gujarat Sahitya Parishad 1943-55; Hony Gen. Secy. of Sanskrit Vishva Parishad since 1951; Acting Director & Asstt. Director of Bhartiya Vidya Bhawan since 1954; *Mem :* Sanskrit Commission of Govt. of India 1956-61, Central Sanskrit Board of Govt. of India 1959-65, Senate of Bombay and Varanaseya Sanskrit Univ., different academic bodies of Bombay Univ., Jt. Secy of Ahmedabad Session of All India Oriental Conference, delivering lectures in Orientation courses on Indian religion & philosophy on behalf of Govt. of India & American Embassy; *Honours :* First Jagannath Sanskrit Scholarship, Ellis Prize, Hargovinddas Gold Medal, Jhala Vedanta Prize, Bhandarkar Prize, merit scholarships on various occasions; *Knows* : English, Gujrati, Sanskrit and Hindi; *Add* . 25/B, Sonawala Bldg. No. 8, Sleater Road, Tardeo, Bombay-7.

DAVIES, (Dr.) Gerard Sundarajan—Lecturer in Chem. Engg., I.I.T., Madras since May 1965; b 5 September 1929 at Rangoon; *Edn* : M. Tech. (Combustion Engg. & Fuel Economy) 1962, Ph.D. (Chem. Engg.) in 1965 from I.I.T., Kharagpur; *Resch Exp* : For 12 years in synthetic liquid fuels, gaseous fuels, ejection systems, mixing of solids etc. ; *Pub:* Four research articles ; *Exp:* I.I.T., Kharagpur 1956-65 ; *Mem*: A.M.I.I. Chem.E. ; *Knows*: Tamil, German & English; *Add*: Dept. of Chem. Engg., I.I.T., Madras.

DAW, (Dr.) Anadi Nath—Reader, Centre of Advanced Study in Radio Physics & Electronics, Calcutta Univ., Calcutta since May 1965; *b* 5 January 1931 at Calcutta; *Edn*: M.Sc. in 1952 from Calcutta Univ.; *Resch Exp*: For past 15 years in Transistors & Solid State Electronics'; *Pub*: Over 20 research papers in international journals; *Honours*: Co-winner of Sir Jagadish Bose Premium of the Institute of Electronics & Radio-Engineers, U.K.; *Exp*: Started at Centre of Advanced Study in Radio Physics and Electronics in 1956 and has held various positions; *Mem*: Associate Member, Institute of Electronic and Radio Engineers, U.K.; *Knows*: English, German & Bengali; *Visited*: W. Germany, U.K. & Sweden in 1961 for Research Training; *Add*: Centre of Advanced Study in Radio-Physics & Electronics, 92, Prafulla Chandra Road, Calcutta-9.

DE, (Dr.) Arun Udaya—Lecturer, Dept. of Pharmacy, Jadavpur Univ., Calcutta since January 1966 ; *b* 28 January 1938 at Dacca ; *Edn* : M. Sc. (Tech) in 1960, D. Phil. (Synthetic Drugs) in 1965 from Calcutta Univ. ; *Resch Exp* : In possible utilisation of lac-dye and synthesis of amebicides, hypoglycenic agents etc. ; *Pub* : About 10 papers ; *Exp :* Started in Dept. of Pharmacy, Jadavpur Univ. ; *Mem* : Fellow of Indian Chemical Society, Association of Pharmaceutical Teachers of India (Banaras) etc, ; *Knows :* Bengali, English, Hindi & German ; *Hobb* : Music, dance, wandering and social activities ; *Add :* Dept. of Pharmacy, Jadavpur Univ., Calcutta-32.

DE, (Dr.) Deepesh Narayan—Asstt. Prof. in Agrl. Engg., I. I. T., Kharagpur since September 1962 ; *b* 31 July 1933 at Pabna in E. Bengal ; *Edn* : M. Sc. in 1954 with first class first from Calcutta Univ., Ph.D. in 1961 from Columbia Univ., U.S.A. ; *Resch Exp* : For past 15 years ; *Pub* : About 40 research papers in various journals ; *Exp* : Carnegie Institution, Washington 1955-57 ; Saha Institute of Nuclear Physics, Calcutta 1961-62 ; Lecturer in Kalyan Univ. 1962 ; *Mem* : Founder Executive member of Electron Microscope Society of India ; founder member of Indian Society of Cell Biology ; International Genetics Congress, Botanical Society of Bengal, Indian Science Congress, Indian Society of Genetics & Plant Breeding, Indian Photobiology Group; *Genl*: Works cited in several standard books, incharge of research schemes of Atomic Energy Dept., I.C.A.R. & C.S.I.R., produced numerous Ph.Ds., prepared syllabus for other universities, invited to participate in international symposia, member of several educational selection boards, external examiner to various institutions; *Knows*: Bengali, English, German & French; *Visited*: U.S.A. 1955-61; European countries and middle-east 1961; *Hobb*: Photography; *Add*: Dept. of Agrl. Engg., I.I.T., Kharagpur.

DEB, (Dr.) Chandicharan—Reader in Physiology, Calcutta Univ., Calcutta since 1960; *b* 1 November 1928 at Uttarpara in W. Bengal; *Edn*: M.Sc. (Physiology) in 1948, D.Phil. in 1952 from Presidency College, Calcutta; *Resch Exp*: For over 10 years; *Pub*: About 75 papers on Vitamine-Hormone Interelationship, Comparative Physiology, Histochemistry etc. in noted journals; *Honours*: Griffith Memorial Prize in 1956; *Exp*: Lecturer 1957-60, and Reader since 1960 at Calcutta Univ.; *Mem*: Indian Science Congress, Physiological Society of India; *Knows*: Bengali, English & Hindi; *Visited*: Canada, U.S.A.; *Add*: Dept. of Physiology, Calcutta Univ., Calcutta.

DEB, Dhirendra Kumar—Head, Dept. of Elec. Engg. Jadavpur Univ., Calcutta-32 since September 1967 ; *b* 1911 at Sylhet in E. Pakistan ; *Edn:* M.S. in 1951 from Northwestern Univ., U.S.A. ; *Resch Exp*: Guiding research students in Elect. Engg. ; *Exp*: For past 27 years at Jadavpur Univ.; *Mem*: Senior member of I.E.E.E. (USA), A.M.I.E. (India); *Knows*: Bengali & English ; *Visited*: U.S.A., W. Germany, France, Switzerland & Italy ; *Add*: Dept. of Elect. Engg., Jadavpur Univ., Calcutta-32.

DEODHAR, (Dr) Narhar Shankar—Head, Dept. of Preventive & Social Medicine, B.J. Medical College, Poona since 1961 ; *b* 19 December 1928 at Poona ; *Edn*: M S. (Surgery) in 1959 from B. J. Medical College, Poona ; D.P.H. in 1959 from Armed Forces Medical College, Poona ; Doctor of Hygiene in 1964 from Univ. of Bombay; *Resch Exp*: For 12 years ; *Pub*: Book on "You & Your Health" besides articles ; *Exp* : Medical College, Aurangabad ; B. J. Medical College, Poona; School of Public Health, Univ. of California; State Dept. of Public Health, Berkeley, U.S.A.; *Mem*: Indian Medical Association, Indian Public Health Association and Genl. Secy. for Maharashtra State, Nutrition Society of India, Population Council of India, American Public Health Association, Faculty and Board of Studies in Medicine of Univ. of Poona ; *Knows*: English, Marathi, Hindi, Sanskrit & Gujrati; *Visited* : U.S.A., U.K., Ceylon for higher study and participating in conferences; *Hobb*: Touring, photography & carpentry; *Add* : 55, Ashoknagar Colony, Ganeshkhind, Poona-7.

DEODIKAR, (Dr.) G.B.—Prof. of Genetics & Botany & Director, P.G. Research Institute of the Maharashtra Association for the Cultivation of Science, Poona-4 since 1963; *b* 15 November 1915 at Deodi in Dist. Sholapur; *Edn:* B.Sc. in 1937; LL.B. in 1941 and Ph.D. in 1942 from Bombay Univ.; *Pub:* Book on 'A Design for the layout of Indian transport & Communication System', 'Rye—Secale Cereale—a monograph', 'Quantised evaporation of a Fluid-drop as a tentative model for some analogous cosmological patterns' besides 60 papers on Cyto-genetics and Breeding of Crops and domesticated animals (Indian Honeybees and Silkworms) etc.; *Exp:* Plant Breeder, Agrl. Dept. of Bombay State 1942-50; Hon. Director & Hon. Scientific Advisor for Bee-Kee-

ping & Sericultural Laboratories of the Village Industries Commission 1952-65; Hony. Cycto-geneticist of M.A.C.S. 1952-63; *Mem:* Indian delegate to International Bee Research Congress at Rome 1958, I.S I. Cttees 1965-66, I.C.A.R. Botany and Standing Cttee, Agri. Research since 1963, Vice President of Indian Society of Genetics & Plant Breeding 1967; *Add:* Ranade Blocks, Near L.I.C. Bldgs., Shivajinagar, Poona-5.

DEORAS, (Dr.) Purushottam Jaikrishna—Director, Haffkine Institute, Bombay since 1968; *b* 20 July 1909 at Bilaspur in M.P.; *Edn*: M.Sc. (Zoology) in 1933 from College of Science, Nagpur; LL.B. in 1935; Ph.D. in 1940 from King's College, Neucastle-on-Tyne, U.K.; *Resch Exp:* For 30 years in Entomology, Rats and Venomous Animals; *Pub*: Books on 'Snakes of India', 'Snakes of Bombay', 'Snakes & Scorpions', 'D. Cobra, Kraits & Echis' besides 90 papers; *Honours*: Sahitya Visharada in Hindi, Hindu Education Fund Scholar, Rockfeller Foundation Scholar; *Exp*: Prof., Fergusson College, Poona 1943-46; Entomologist, Geigy Insecticides, Bombay 1946-49; Prof., M.A.C.S., Poona 1949-51; *Mem*: Founder member of M.A.C.S.; Life Fellow, Entomological Society of India; Member, New York Academy of Sciences, International Society on Toxicology, Advisory Panel of Experts on Plague at W.H.O.; Asiatic Society (Bombay); Founder member of Maharashtra Prabodhan (Bombay) & Marathi Vidhyan Parishad; *Knows*: Hindi, Marathi, Gujrathi, English, Bengali & German; *Visited*: Italy, U.K., France, S. Africa, U.S.A., Japan, Malayasia, Ireland & Brazil; *Hobb*: Gardening, writing & photography; *Add*: Apartment B-1, Sahitya Sahawas Coop. Society, Plot No. 341-A, Bandra East, Bombay-51 (AS).

DERASHRI, S.D.—Prof. & Head, Dept. of Economics, Univ. of Jodhpur since 1962; *b* 15 January 1919 at Banera in Dist. Bhilwara; *Edn*: M.A. (Econ) in 1942 with first class first, LL.B. in 1943 first class first from Univ. of Allahabad, A.M. (Econ) in 1953 from Univ. of Pennsylvania, U.S.A.; *Resch Exp*: Guiding research students; *Pub*: Over a dozen books and about 30 articles; *Honours*: Gold Medal in M.A., Rajasthan State Award on 'Rajasthan ka Arthik Vikas'; *Exp:* D. Jain College, Baraut 1943-48; Maharaja's College, Jaipur 1948 50; Jaswant College, Jodhpur 1950-54; S.M.K. College, Jodhpur 1954-62; *Mem*: Indian Economic Association, Founder Secy. of Rajasthan Economic Association, several bodies of the Univ., founder Genl. Secy. of Rajasthan Univ. & College Teachers Association and its President for 1966-67; *Knows*: Hindi, English & Urdu; *Visited:* U.S.A. 1952-53 and 1965, Italy, France, Switzerland, U.K., Japan, Thailand Hongkong; *Add*: Dept. of Economics, Jodhpur Univ., Jodhpur.

DESAI, (Dr.) Dhirajlal Keshavlal—Group Leader, Faculty for Management in Agriculture & Co-operatives, Indian Institute of Management, Vastrapur, Ahmedabad-6 since 1966; *b* 17 June 1924 at Jhalod in Dist. Panchmahals; *Edn*: M.Sc. (Agri. Econ) in 1958 from Poona Univ., Ph.D. in 1961 from Univ. of Illinois (U.S.A.); *Resch Exp*: For 14 years; *Pub;* Books on 'Increasing Income and Production in Indian Farming', 'Studies in Economics of Farm Management-3 parts' besides 10 articles, co-author of a number of reports on agricultural economics; *Exp*: I.A.R.I., New Delhi 1962-63; *Mem*: Indian Society of Agricultural Economicists; *Genl*: Interested in Social work and politics; *Knows*: English, Hindi, Gujrati, Marathi. Urdu, Sanskrit, French & German; *Visited*: U.S.A., Japan & France; *Hobb*: Reading and playing bridge; *Add*: I.I.M., Vastrapur, Ahmedabad-6.

DESAI, Dhirubhai Vasanji—Principal, Sarvjanik College of Education, Surat since June 1967; *b* 16 August 1923 at Dandi in Dist. Surat; *Edn*: M.Ed. (Exp. Psy) in 1958 from Baroda Univ.; *Resch Exp*: Guiding M.Ed. dissertations for past 5 years; *Honours*: Recepient of Fulbright Scholarship for going to U.S.A. 1967-68; *Exp*: Co-ordinator, Extension Services Dept, Surat; *Mem*: Senate, Faculty of Education, Board of Studies in Psychology of South Gujrat Univ.; *Knows*: English & Gujrati; *Visited*: U.S.A.; *Hobb*: Cards, cricket and gardening; *Add*: Sarvajanik College of Education, Surat.

DESAI. Gunvantray Nanubhai—Prof. & Head, Dept. of App. Mechanics, S.V. Regional College of Engg. & Technology, Umra, Gujrat since 1963; *b* 12 May 1936 at Vegam in Dist. Surat; *Edn*: B.E. (Civil) in 1957, with distinction and winning two Gold Medals, from Gujrat Univ.; M.S. (Struct. Engg. & Soil Mechanics) in 1960 from Univ. of Illinois (U.S.A.); *Resch Exp*: Guiding students in the P.G. dissertations; *Pub*: About 20 articles in Indian and foreign journals; *Exp*: Private Consulting Structural Engineer for 5 years; *Mem*: Assoct. Member of the Institution of Engineers (India), Indian National Society of Soil Mechanics & Foundation Engg.; Assoct. Member of the American Society of Civil Engineers (U.S.A.); Gujrat Institute of Civil Engineers & Architects; Founder Secy. of the South Gujarat Association of Engineers & Engg. Industries (Surat); Member, Board of Studies of Gujarat Univ., Visiting Prof. at M.S. Univ. of Baroda, 1964-66; member of various other Univ. bodies; Hony. Consulting Engineer to various public organisations; *Knows*: Gujrati, Hindi & English; *Visited;* U.S.A. for higher studies; *Hobb*: Sports & reading; *Add*: Golandaz Bldg., Nanpura, Surat-1.

DESAI, (Dr.) Krishnakant Gopalji—Principal, A.G. Teachers College, Ahmedabad-9 since January 1961 ; *b* 22 May 1923 at Palsana in Dist. Surat ; *Edn* : M. Ed. in 1950, Ph.D. in 1954 from Indian Institute of Education, Bombay ; M.A. in 1956 from Columbia Univ. (U.S.A.) ; *Resch Exp* : In the construction and standardization of various Tests ; *Pub* : Books on 'Group Tests of Intelligence', 'Speed and Accuracy Test', 'Gujarati Hand-writing Scale', 'Wastage in Secondary Education', 'Textbook of Statistics' besides several others ; *Exp* : For over 16 years at A. G. Teachers College ; *Mem* : Executive Cttee of Indian Association of Teacher Educators' (since 1961), All India Educational & Vocational Guidance Association; Vice-President, All India Science Teachers Association (1963-65) ; President, Ahemdabad Association of Teacher Educators (1966-67), President, Gujrat State Educational & Vocational Guidance Association (1966-68) ; *Knows* : English, Gujrati & Hindi ; *Visited* : U.S.A., U.K., France, W. Germany, Switzerland, Austria, Italy & Philippines ; *Add* : A G. Teachers College, Navrangpura, Ahmedabad-9.

DESAI, (Dr.) Madhusudan Vallavbhai—Head, Dept. of Plant Pathology & Bacteriology, B.A. College of Agriculture, Anand since February 1958 ; *b* 22 March 1922 at Nadiad ; *Edn ;* M. Sc. (Agri) in 1953 from B.A. College of Agri., Ph. D. in 1957 from Iowa State Univ. (USA) ; *Resch Exp* : For 17 years ; *Pub* : About 25 research papers ; *Exp :* Since 1946 at B.A. College of Agri., Anand ; *Mem* : Sigma Xi, Iowa State Academy of Sciences, Indian Phytopathological Society, The Gujarat Association for Agricultural Sciences, Federation of Indian Photography ; Board of Studies in S.P. Univ. in various subjects ; *Knows* : Gujarati, Marathi, Hindi & English ; *Visited* : U.S.A. ; *Hobb* : Photography and literature ; *Add :* B. A. College of Agri., Anand.

DESAI, (Dr.) Panduranga Bhimarao—Prof. & Head, Dept. of Ancient Indian History & Culture ; Director, Kanada Research Institute since 1962 ; *b* 24 December 1910 at Benkal in Dist. Raichur ; *Edn* : M.A. (Sanskrit) in 1937 from Bhandarkar Oriental Research Institute, D. Litt. (Jainism) in 1960 from Karnatak Univ. ; *Resch Exp* : For about 30 years ; *Pub*: 16 books, like 'A History of Vijayanagar', 'Jainism in South India', 'South Indian Inscriptions' besides over 200 research papers on Ancient Indian History, Archaeology, Epigraphy etc. ; *Exp :* P. G. Dept. of Ancient Indian History & Culture, Karnatak Univ., since 1957 ; *Mem* : President, Kannada Literary Conference in 1961 ; Member, Kannda Sahitya Academy, Editorial Board of Karnataka History, Archaeology & History Sub-Cttee of Kannada Encyclopaedia ; *Knows ;* English, Sanskrit, Kannada, Marathi, Telugu, Tamil, Hindi & Urdu ; *Add* : Shriniketana, Saptapur, Dharwar-1.

DESAI, (Dr) Vasant Kalyandas—Surgeon; *b* 4 July 1913 at Bombay; *Edn*: M.B.B.S. in 1937 from Grant Medical College, Bombay; L.R.C.P. & M.R.C.S. in 1939, F.R.C.S. in 1940 from St. Bartholomews Hospital, London; *Resch Exp*: Over 25 years; *Pub*: Read a paper on 'Vagotomy with Drainage in treatment of peptic ulcer' at World Congress of Gastro-entirology' at Tokyo in 1966; *Exp*: Head, Dept. of Surgery, Topiwala National Medical College, Bombay since 1957; Hony. Prof. of Surgery at Topiwala National Medical College & B.Y.L. Nair Charitable Hospital for past 25 years; Medical referee to Life Insurance Corpn. of India; Consulting Surgeon to B.E.S.T., Bombay; private practitioner in Surgery at own Nursing Home since 1942; *Mem*: Faculty of Medicine, Board of Studies in Surgery of Bombay Univ.; Indian Medical Association, Cricket Club of India, Lions Club and others; *Knows*: English, Hindi, Gujrati, Marathi & Sanskrit; *Visited*: Japan, U.S.A., Italy in 1966; U.K. 1939-40, 1951 & 1966; *Hobb*: Social service and music; *Add:* B/8, Mafatlal Park, Bhulabhai Desai Road, Bombay-26.

DESHMANKAR, (Dr.) Bhanudas Sitaram—Prof. of Pharmacology, Medical College, Jabalpur since September 1967; *b* 1 October 1929 at Poona; *Edn*: M.D. (Pharm) in 1958 from G.R. Medical College; *Resch Exp:* For over 10 years; *Pub:* Several research papers published in reputed medical journals of India; *Exp*: Demonstrator 3 years, Lecturer 2 years and Reader 7 years at G.R. Medical College, Gwalior; *Mem*: Indian Association of Physiologists and Pharmacologists; *Visited:* Westminster Hospital (London), McGill Univ. (Canada) for practical training; *Knows*: Marathi, Hindi & English; *Add*: P-2, Medical College Colony, Jabalpur.

DESHMUKH, Bhagwantrao Sampatrao—Scientist-in-Charge, Coal Survey Laboratory, Bilaspur, M.P. since June 1963; *b* 1 July 1925 at Vill. Charangaon in Dist. Akola; *Edn*: B.Sc. (Tech) in 1949 from Laxminarayan Institute of Technology, Nagpur; *Resch Exp*: For 16 years in coal research; *Pub:* Book on 'Chirimiri Coals' besides 5 research papers detailing new methods in coal survey; *Honours*: Recepient of King Edward Memorial scholarship during B.Sc.; *Exp:* Sudha Industries Ltd., Shegaon, 1 year; Fertilisers & Chemicals Ltd., Alwaye, 1½ years; for past 15 years in Central Fuel Research Institute, Dhanbad; *Mem:* Indian Standards Institution; *Knows:* Marathi, Hindi & English; *Visited:* U.K. and France to observe their coal washeries; *Hobb*: Music; *Add:* Coal Survey Laboratory, Bilaspur, M.P.

DESHPANDE, Atmaram Raoji—Retired Advisor to Govt. of India, Ministry of Education; *b* 11 September 1901 at Murtijapur in Dist. Akola; *Edn*: B.A. (Hons) (Phil) in 1923 from Fergusson College; *Resch Exp*: Originated and developed the concept and programme of Social (adult) Education in India; *Pub*: Book on Manual on Social Education besides several articles; *Exp:* Social Education Organiser, Training Centres, Govt. of India 5 years; National Fundamental Education Centre, Govt. of India 5 years; *Mem:* President, Marathi Sahitya Sammelan 1958, President Vidarbha Sahitya Sangh 1962-65, President All India Adult Education Conference 1967, Vice-President Indian Adult Education Association, member General Council of Sahitya Akademi; President, Nagpur Citizens Council; *Genl:* Poet and critic in Marathi; *Visited:* France, Denmark, Sweden, Britain, U.S.A., Canada, Mexico, Germany, Italy & U.S.S.R.; *Add*: 88, West Park Road, Dhantoli, Nagpur-1.

DESHPANDE, (Dr.) Balwant Deorao—B.I.T.S., Pilani since 1957; *b* 9 January 1928 at Wardha; *Edn*: M.Sc. (Botany) in 1951, Ph.D. in 1957 from Birla College, Pilani; *Resch Exp*: For 10 years; *Pub:* Several papers on plant anatomy; *Exp*: For 10 years at B.I.T.S. Pilani; *Mem:* Indian Botanical Society, Rajasthan Academy of Sciences; *Knows*: English, Hindi & Marathi; *Hobb*: Photography; *Add:* 13/25, Bachler Road, Wardha.

DESHPANDE, Narayan Moreshwar—Principal, Hitkarini Mahavidyalya, Jabalpur since 1958; *b* 23 June 1910 at Multapi, Dist. Betul; *Edn*: M.A. (Econ) in 1933 from Morris College, Nagpur; LL.B. in 1934 from Law College, Nagpur; *Pub*: Book on 'Artha-Sastra Pravesh'; *Exp*: For 23 years teaching and for 10 years has held administrative posts; *Mem*: Executive Council, Academic Council, Faculty of Arts, Board of Studies in Economics, Student s Welfare Board of Univ. of Jabalpur; *Knows:* Hindi, Marathi & English; *Hobb*: Photography, gardening & book-reading; *Add:* Hitkarini Mahavidyalaya, Jabalpur.

DESHPANDE, Sadashiv Bhagwant—Founder Principal, Bhatkhande Sangeet Mahavidyalaya, Jabalpur, M.P., since 1947 ; *b* 3 March 1903 at Akola; *Edn :* Sangeet Nipun from Bhatkhande Sangeet Vidyapeeth, Lucknow; *Resch Exp*: Did some research work on 'Hridaynarayandev-his works'; *Pub*: Several articles on 'Sangeet ke gharane', 'Jabalpur ki sangeet parampara', Madhyapradesh ke itihas men sangeet' etc. published in musical magazines; *Exp* : Maharishi High School, Jabalpur; Chanchalbai Mahila Vidyalaya, Jabalpur; *Mem* : Dean, Vocal Faculty of Indira Kala Sangeet Vishwavidyalaya, Khairagarh ; Founder of Sangeet Samaj, Jabalpur; Founder of Bhatkhande Sangeet Mahavidyalaya; Jabalpur; Founder and President of Sangeet Samaja Madhya Pradesh & Vidarbha; Member, Arts Faculty, Jabalpur Univ.; Member, Academic Council, Indira Kala Sangeet Vidyalaya, Khairagarh; *Genl* : Radio Artist since 1934; his 61st birthday was celebrated in Jabalpur and a 'Smritigranth' was presented by friends and admirers; *Knows :* Marathi, Hindi & English; *Hobb* ; Gardening. reading and literature; *Add* ; 1275, Premnagar, Jabalpur.

DEV DATT—Prof. of Physics, Khalsa College, Amritsar since 1960; *b* 6 August 1912 at Hoshiarpur; *Edn :* M.Sc. (Physics) in 1935 from Govt. College, Lahore; *Pub* : 'A Text book of Light', 'Advance Practical Physics' in two parts; 'Pre-Engineering'—co-author of these books; *Honours*: First amongst matriculate candidates in the State, student demonstrator for one year during 6th year in Govt. College, Lahore; *Exp :* since 1940 at Khalsa College, Amritsar; *Mem* : Convenor, Military Science Board of Punjab Univ. 1950-60; *Genl*: Served the Defence Services as whole-time Administrative Officer in the rank of Captain for 1957-60; *Visited* : Liverpool Univ. & Oxford Univ., U.K.; *Knows* : English, Hindi, Urdu & Panjabi ; *Hobb* : Gardening & Photography; *Add* : Khalsa College, Amritsar.

DEVAHUTI, (Dr.) (Smt.) D.—Dept. of History, Univ. of Queensland, Brisbane, Australia since 1968; *b* 22 May 1929 at Lahore; *Edn :* M.A. (Hist) in 1950 from Camp College, Delhi ; Ph.D. in 1956 from Univ. of London; *Resch Exp :* M.A. Dissertation on 'North-West Frontier Policy of the Sultanate period'; *Pub* : Books on 'India and Ancient Malaya' and 'Harsha—a political study' besides three papers in Indian & Australian journals; *Exp*: Univ. of Singapore ; Univ. of Adelaide, Brisbane in Australia ; Univ. of Delhi ; *Mem:* Royal Asiatic Society (London) ; *Knows* : Hindi, Punjabi, English, Sanskrit & Malay ; *Visited :* Almost throughout the world visiting architectural and archaeological remains ; *Hobb* : Social work, badminton and writing ; *Add :* c/o Univ. of Brisbane, Brisbane, Australia.

DEVALE, Shambhoorav Ramchandra—Author ; *b* 15 May 1917 at Talegaon Dabhade in Dist. Poona ; *Pub* : 'Deepmal', 'Aple Sana Aple Utsav', 'Peshvaiti Sade-Teen Shahane', 'Thoranchya Naval Katha', 'Bombiya Ani Raman', 'Navya Goshti', 'Didhiche Dam', 'Mansachi Karani', 'Panipatcha Rana Sangram', 'Bara Jyotirlinge', 'Yeshavant ho Jaya-want ho' all these books received awards from the Govt. of India, State Govt. or other organisations ; besides also about 120 books published on various subjects ; *Exp* : For the past 27 years as Secondary Teacher at Poona Anath Vidyarthi Griha, Poona-2 ; *Mem* : Bharati Itihas Sanshodhak Mandal, Maharashtra Sahitya Parishad ; *Knows* ; Marathi, English, Hindi, & Sanskrit ; *Hobb :* Travelling, touring, attending religious and historical conferences ; *Add* : 78, Shukravar Peth, Aphale Wada, Poona-2.

DEVANATH, Aswinikumar—Principal, Karanjia College, Karanjia, Dist Mayurbhanj since October 1965 ; *b* 1 August 1918 at Vill. Purbahati in Dist. Tipperah ; *Edn* : M.A. (English) in 1941, B.T. in 1946 from Dacca Univ. ; *Pub* : 'Happy Reader' an English text book and a few articles on Gita : *Honours :* Dr. Surendranath Dasgupta Prize and Dr Bhagwan Das Prize, both for best essay writing ; *Exp :* M.C. College, Barpeta ; Gaibandha College, Saadat College, Kumudini College, Sivajganj College, Q.A.M College, Tolaram College, Haraganga College, Dinhata College, Haflong College etc. ; *Mem* : All India English Teachers Conference ; *Genl* : Letter-writing to editors of newspapers on public matters ; *Knows* : English, Bengali, Assamese & Sanskrit ; *Hobb :* Reading of newspapers ; *Add* : Karanjia College, Karanjia.

DEVE GOWDA, A.C.—Head, Dept. of Education, Bangalore Univ., Bangalore since August 1967; *b* 29 April 1908 at Vill. Aralaguppe in Dist. Chikmagalur; *Edn* : M. Ed. in 1932 from Univ. of Leeds, U.K.; M.A. (Edn) in 1933 from Columbia Univ., U.S.A.; *Resch Exp* : Worked as Director of two research projects under the N.C.A.E.R. & T., New Delhi, 1964-66; *Pub* : Books on 'A Plan for the Training of Secondary School Teachers in Mysore State', 'Principles of Education and Educational Psychology', besides a large number of articles in books and journals; *Exp* : High Schools of Mysore State upto 1951; Principal, Teachers College, Mysore 1951-58; Director of Public Instructions in Mysore State 1958-63; N.C.A.E.R.T., New Delhi 1964-66; *Mem* : President of Mysore State Education Federation for 2 years, President of Indian Association of Teacher Educators; President of Bangalore Association of Teacher Educators, President of Rotary Club of Mysore; *Genl* : Served as Director of Extension Programme for Secondary Education under the Govt. of India for 3 years; *Knows* : Kannda & English; *Visited* : U.S.A., U.K., France, Egypt as a Rockfeller Foundation Fellow; *Hobb* : Photography; *Add* : Dept. of Education, Bangalore Univ., Bangalore.

DEVENDRA PRASAD (Dr.)—Head, Dept. of Zoology, Science College, Patna-5 since February 1962; *b* 9 April 1928 at Patna; *Edn* : M.Sc. (Zoology) in 1950 with first class first winning Gold Medal from Patna Science College, Patna; Ph.D. (Parasitology) in 1957 from McGill Univ., Canada; *Resch Exp :* Guiding several research scholars in Helininthology; *Pub* : Book on 'Jeeva Vigyan', in 5th edition now; besides 12 papers in various journals; *Exp* : 18 years of teaching experience to P. Graduate, Hons. classes and Undergraduates; *Mem* : Fellow of the Academy of Zoology, Member of Zoological Society of India, National Academy of Sciences; *Knows* : Hindi, English & French; *Visited* : Canada, U.S.A., U.K., France, Switzerland & Nepal; *Add* : Science College, Patna-5.

DEWAN, (Dr.) Indar Jit—Principal, Medical College, Rohtak since September 1962; *b* 15 August 1912 at Vill. Purain in Dist. Ludhiana; *Edn* : M.S. (Surgery) in 1945 from K.E. Medical College, Lahore; Ph.D. (Anatomy) in 1951 from London Hospital and Medical College, London; *Resch Exp* : For over 25 years; *Pub* : Several of his research works referred to in standard books on Anatomy and Embryology; about 50 research articles, reviews, communications; *Exp* : K. E. Medical College, Lahore, 1944-47; Medical College, Amritsar, 1947-49; Oxford Univ. & London Univ., 1949-51; Medical College, Amritsar, 1951-62: *Mem* : Delivered Presidential Address at 12th Annual Conference of Anatomical Society of India at Rohtak in 1963; Fellow Indian Academy of Medical Sciences; Member, Anatomical Society of Great Britain & Ireland, Anatomical Society of India, British Medical Association, Indian Medical Association, Society for Advancement of Medical Education; *Visited* : U.K. and the Continent; *Knows* : Hindi, Urdu, Punjabi, English & German; *Hobb* : Gardening; *Add* : P.O. Manauli, Dist. Ambala.

DEWAN, (Dr.) Raj Kumar—Dept. of Chemistry, Panjab Univ. since 1963; *b* 22 July 1932 at Delhi; *Edn*: M.Sc. (Chem) in 1953 from Delhi Univ., Ph.D. in 1962 from Illionis Univ.; *Resch Exp*: For 10 years; *Pub:* Five papers; *Exp:* Delhi Univ., 1953-55; Govt. College, Gurdaspur; Deshbandhu College, Delhi 1955-63; *Mem:* Phi Lambda Upsilon, Indian Chemical Society; *Knows*: French, German, Hindi & English; *Visited:* U.S.A. 1959-62; *Add*: 12-B, Mathura Road, New Delhi-14.

DEWETT, (Dr.) K.K.—Formerly Principal, Dayal Singh College, New Delhi; *b* 1 March 1903 at Jullundur; *Edn*: M.A. (Econ) in 1932, Ph.D. in 1942 from Panjab Univ.; *Resch Exp:* In the field of 'Structure of Indian Industries'; *Pub*: Books on 'Modern Economic Theory', 'Economics for Bankers', 'Pre-University Course in Economics', 'Indian Economics', 'Elementary Economics-Theory & Indian', 'Price Theory in Hindi & Punjabi', 'Income & Employment Theory', 'Modern Economic Analysis'; *Exp*: Post Graduate teaching in Punjab Univ. for 14 years; Principal, Punjab Univ. College. Hoshiarpur 1952-58; Principal, Hindu College, Sonepat 1958-59; Principal, Dayal Singh College, New Delhi 1959-66; *Mem*: Senate, Syndicate, Academic Council and other bodies of Punjab Univ.; Academic Council, Executive Council and Court of Delhi Univ.; *Knows:* English, Punjabi & Hindi; *Hobb*: Swimming & Yoga asans; *Add*: Bungalow No. 73, Sector 8-A, Chandigarh.

DEY, (Dr.) Arun K.—Dept. of Chemistry, Allahabad Univ., Allahabad since 1949; *b* 20 October 1922 at Varanasi; *Edn:* M.Sc. (Chem) in 1943, D. Phil. in 1946, D.Sc. in 1963 from Univ. of Allahabad; *Resch Exp:* Guiding research students; 25 students have taken their Ph.D. and D.Sc. under him; did research on various problems of Inorganic and Analytical Chemistry; *Pub*: Over 250 research papers and reviews in Indian and foreign journals; research work quoted in literature; *Honours*: S.A. Hill Prize 1946, Gold Medal in Chemistry from National Academy of Sciences 1958; *Exp:* Univ. of Saugar 1947-49; since 1949 in Allahabad Univ.; *Mem:* Fellow, member of Council & Board of Associate Editors of Indian Chemical Society, Conucil and Editorial Board of National Academy of Sciences; Senior member of American Chemical Society; Foreign member of Physico-Chemical Society of Japan; Member Indian Science Congress; President of XVII & XVIII International Congress of Pure & Applied Chemistry in Germany & Canada respectively; President of VIth International Conference on Co-ordination Chemistry (U.S.A.), International Symposium on Michrochemical Techniques (U.S.A.), IXth International Conference on Co-ordination Chemistry (Switzerland) and Xth Conference in Japan; besides participated in several other international conferences; Visiting Prof. in various universities of Czechoslovakia in 1966; organised symposia on Coordination Chemistry, Agra (1959); 'Redox Processes, Allahabad (1961)', Annual Convention of the Indian Chemical Society, Allahabad (1964)'; *Knows:* Hindi, Bengali, English, French & German; *Visited*: Denmark, England, France, Germany, Italy, Sweden, Switzerland, Japan, U.S.A., Canada, U.A.R., Czechoslovakia, Austria, Greece, Hongkong and some countries several times for attending conferences and lecture tour; *Hobb:* Reading & photography; *Add:* Lawrenceganj, Allahabad.

DEY, (Dr.) Prasanta Kumar—Reader in Physiology, College of Medical Sciences, BHU, Varanasi since July 1967; *b* 1 March 1936; *Edn*: Ph.D. in 1955, D.Phil. in 1960 from Calcutta Univ.; *Resch Exp:* In Physiological and Pharmacological work, Indigenous Medical plants, Neuropsychopharmacology, Neuro-physiology, Brain Metabolism; *Pub:* Over 50 papers in distinguished medical journals; *Exp*: Univ. Research Scholar 1956, National Research Fellow 1956-58 at Calcutta Univ.; Lecturer, Surendranath College, Calcutta 1958-61; Calcutta Univ., 1961-67; *Mem:* American Association of advancement of Science (U.S.A.), Indian Science Congress, Indian Brain Research Association, Council of Social & Psychological Research, Physiological Society of India, Nutrition Society of India, Society of Euptal Medical Sciences, Association of Physiologists and Pharmacologists of India; *Knows:* Hindi, English, Bengali & Sanskrit; *Add*: Dept. of Physiology, College of Medical Sciences, BHU, Varanasi.

DHAR, (Dr.) Digish Chandra—Scientist, C.D.R.I., Lucknow since February 1966; *b* 15 July 1915 at Dacca; *Edn*: M.Sc. in 1939 from Dacca Univ., D.Phil. in 1958 from Calcutta Univ.; *Resch Exp*: For past 10 years; *Pub:* Book on 'Manual of Pharmacology by Sollmann' besides 25 research papers on nutrition, plant products, experimental anaemia and tuberculosis; *Honours*: Univ. Research Scholarship 1940-42, P. G. scholarship under Colombo Plan; *Exp*: Research Lab. of Indian Jute Mills Association, Calcutta; Research Chemist in Groundnut Scheme under C.S.I.R. 1943-47, Tech. Asstt. 1947-50; joined C.D.R.I. as S.S.A. in March 1950, Jr. Scientific Officer 1951-61; S.S.O. in Biochemistry Dept. 1961-66 of C.D.R.I., Lucknow; *Mem:* Society of Biological Chemists (India), Indian Chemical Society; *Knows:* English, Bengali, Hindi & Russian; *Visited*: U.K. 1958-59; *Hobb*: Stamp collection; *Add*: Scientist 'C', Dept. of Biochem., C.D.R.I., Lucknow.

DHAR, (Prof.) N.R.—Director, Shila Dhar Institute of Soil Sciences, Univ. of Allahabad since 1935; *b* 2 January 1892 at Jessore, Bengal; *Edn* :M.Sc. (Phy. Chem) in 1913 first class first from Presidency College, Calcutta; D.Sc. in 1917 from London Univ.; Docteur-es-Sciences (Etat) in 1919 from Paris Univ.; *Pub* : Books on 'Chemical Action of Light', 'New Conceptions in Biochemistry', 'Influence of Light on Some Biochemical Processes', 'Amader Khadya' & 'Jamir Urbarata Briddhi' etc.; *Honours* : D. Litt. (Honoris causa) from Visva-Bharati Univ.; D.Sc. (Honoris causa) by Calcutta Univ.; *Exp* : Joined Indian Education Service in 1919 ; Prof. of Physical & Inorganic Chemistry in the Muir Central College, Allahabad and in Allahabad Univ. since then; *Mem* : French Academy of Agriculture (1955), French Academy of Sciences (1961), President of Indian Science Congress (Chem. Section) in 1922, General President of Indian Science Congress in 1961 at Roorkee, Fellow of the Chemical Society of London since 1916, Fellow of the Royal Institute of Chemistry since 1919; President of Indian Chemical Society 1930-32, Society of Biological Chemists 1953-54, Indian Society of Soil Sciences 1955-56, National Academy of Sciences 1935-37 and 1952; Member of Noble Cttee for the award of Nobel Prize in Chemistry in 1938 and 1952; *Genl* : Studied original papers of Lavoisier, Louis Pasteur, Madame Curie, J. Perrin etc.; considered as the senior-most professor of Chemistry and acknowledged as its DOYEN in India and foreign countries; considered as founder of Physical Chemistry in India; famous for his researches in Colloid-Chemistry, Electro-Chemistry, Chemical Kinetics and Photo-chemistry; amongst his important and famous pupils are Sarvashri B.K. Nehru, Dharam Vira, Vishnu Sahai, Bhagwan Sahai, Dr. D.S. Kothari, Dr. Zahir, Dr. Atma Ram etc.; *Visited* : Delivered lectures at Universities of Cambridge, Edinburgh, Paris, Cottingen, Wageningen, Giessen, Wisconsin, Bucharest, Yugoslavian; has been invited to lecture by the UNESCO; *Add* ; Shila Dhar Institute of Soil Sciences, 2D, Beli Road, Allahabad.

DHAR, Prithvi Nath—Director, Institute of Economic Growth, Delhi-7 since September 1963; *b* 1 March 1919 at Srinagar in Kashmir; *Edn* : M.A. (Econ) in 1940 from Delhi Univ.; *Resch Exp* : Research Scholar, Delhi Univ., 1940-41; Fulbright Research Fellow, Harvard Univ. 1951-52; Senior Fellow, Institute of Economic Growth since 1959; *Pub* : 'Small Scale Industries in Delhi', 'Petroleum Industry & the Third Plan', 'The Role of Small Enterprises in Indian Economic Development', 'Changing Pattern of Manufacturing Industry in India', 'Role of Technical Progress in Tata Iron & Steel Industry', delivered Tagore Memorial Lectures on 'Indian Economic Experiment' besides numerous papers and articles in various journals'; *Exp* : Lecturer in Economics, Edwardes College, Peshawar; S.P. College, Srinagar; Hindu College, Delhi; Delhi School of Economics, Delhi, Reader, Business Management, Delhi School of Economics, Delhi; *Mem*: Indian Council of World Affairs, Indian Agricultural Economic Conference; *Knows* : Urdu, Persian & English; *Visited* : U.S.A., West Indies as U.N. Expert on Planning; *Add* : Institute of Economic Growth, Univ. Enclave, Delhi-7.

DHARAIYA, (Dr.) Ramanlal Kakalbhai —Dept. of History, School of Social Sciences, Ahmedabad-9 since 1965 ; *b* 8 January 1919 at Jasdan in Saurashtra; *Edn*: M.A in 1949 from Bombay Univ., M A. (History) in 1958 from Gujrat Univ., Ph.D. in 1963 from Sardar Patel Univ.; *Resch Exp* For 8 years; *Pub.*; Books on Ancient Indian Polity, Historical Methods ; besides several articles on 'So Called Dark Ages of Ancient India'; *Exp* : Jayendrapuri College, Broach 1955-56 ; Swaminarayan College, Ahmedabad 1956-65; *Mem* : All India History Congress, Secy. of Gujrat History Congress ; *Knows* : English, Gujrati, Hindi & Sanskrit ; *Hobb* : Reading, travels & research work; *Add* : School of Social Sciences, Univ., Ahmedabad-9.

DHARANENDRAIYA, K.S.—Retd. Director of Literary & Cultural Development, Bangalore ; *b* 31 December 1903 at Kalenahall in Mysore ; *Edn* : M.A. (Kannada) in 1930, B.T. in 1933 from Maharaja's College, Mysore ; *Resch Exp* : In the field of Jaina history, art, religion and philosophy ; *Pub* : Books on 'Vanamale', 'Bhakti-Kusumanjali', 'Kannada Bhaktamara Stotra', besides articles; *Honours* : Jaina Sahitya Visharda by H.H. Sri Swamiji of Sravanabelgola, Sahitya Sudhakara by H H. Swamiji of Chitradurga, Sahitya Vibhushana by H.H. Swamiji of Nidimamidi ; *Exp*: Supdt. of Training Institute ; Principal, Govt. Samskrita College, Bangalore ; Prof. of Kannada in Mysore Univ. ; retired in May 1965 from the Directorship of Literary & Cultural Development, Govt. of Mysore ; *Mem* : Kannada Encyclopaedia Board, Kannada-Kannada Dictionary Board, Kannada Sahitya Parishad, Kannada Official Language Cttee., President of Viswa-Hindu Parishat (Karnatak) ; past Secretary of Sarva-dharma Sahitya Sammelan besides nume-

rous other special committees and conferences ; *Knows* : Kannada, English, Samskrita & Telugu ; *Hobb* : Music, study of country life ; *Add :* Educational Advisor to H.H. Swamiji of Shri Jain Math, Hombriya, Dist. Shimoga.

DHARMENDRA, KUMAR, (Dr.)—Sr. Prof. & Head, Dept. of Metallurgical Engg., M.R. Engg. College, Jaipur since September 1967; *b* 10 June 1929 at Shelwad in Dist. Jalgaon: *Edn*: Ph.D. (Metallurgy) in 1961 from Univ. of Sheffield, U.K.; *Resch Exp*: For past over 10 years; *Pub*: Books on 'Dhatuon-ki-Kahani', 'Ispat-ka-Utpadan', 'Technology of Aluminium', and 'Aluminium & its alloys in Industrial Applications', besides about 40 research articles and popular science stories; *Exp*: BHU, Varanasi, 1952-57; 1957-1963; Research & Development Officer, Hindustan Aluminium Corporation Ltd., Renukoot, 1963-1967; *Mem:* Indian Institute of Metals, National Executive 1964-65, Indian Institute of Foundrymen; *Knows*: English & Hindi; *Visited:* U.K.; *Hobb*: Gardening, photography & scientific writing; *Add*: Dept. of Metallurgy, M.R. Engg. College, Jaipur.

DHAWAN, (Dr.) Bhola Nath—Asstt. Director, C.D.R.I., Lucknow since 1967; *b* 11 October 1932 at Sitapur; *Edn:* M.B.B.S. in 1954, M.D. (Pharmacology) in 1957 from K.G. Medical College, Lucknow; *Resch Exp*: For 15 years; *Pub*: Over 50 articles in leading pharmacological journals of the world; *Honours:* Recipient of Commonwealth Scholarship & Welcome Research Travel Grant; *Exp*: K.G. Medical College, Lucknow 9 years; M.L.N. Medical College, Allahabad 4 years; *Mem*: Association of Physiologists & Pharmacologists of India, Indian Pharmacology Society; *Knows*: Hindi & English; *Visited*: Medical School, Birmingham, U.K. for research work; *Hobb*: Gardening; *Add*: Opp. Police Hospital, Faizabad Road, Lucknow.

DHAWAN, (Dr.) Satish—Director, Indian Institute of Science, Bangalore-12; *b* 25 September 1920 at Srinagar in Kashmir; *Edn*: M.A. (English) in 1941 from Govt. College, Lahore; B.Sc. (Engg) in 1944 from Punjab College of Engg. & Technology, Lahore; M.Sc. (Aero. Engg) in 1947 from Univ. of Minnesota, U.S.A.; Ph.D. in 1951 from California Institute of Technology, U.S.A.; *Pub*: About 20 research papers and reports on problems like Shock Reflection, Flexible Nozzles, Supersonic Wind Tunnel and aeronautical problems; *Honours:* Awarded Padma Shri by the President of India in 1966; *Exp*: Senior Scientific Officer 1951-52, Asstt. Prof. 1952-55, Prof. & Head of the Dept. of Aero. Engg. 1955-62 at Indian Institute of Science and as Director since 1962; *Mem*: Fellow, Royal Aeronautical Society (London); Executive Delegate of India for Commonwealth Advisory Aeronautical Research Council; Vice President, Aeronautical Society of India; Chairman, Aeronautical Research Cttee of C.S.I.R.; Member, Governing Body of C.S.I.R.; Member, U.G.C.; Member, Scientific Advisory Cttee to the Union Cabinet; Indian Cttee for Space Research; Director, Hindustan Aeronautics Ltd.; *Visited:* U.S.A. 1945-51 for higher studies; China 1956, U.S.A. 1961, U.A.R. 1965; U.K. 1966, Australia 1967, U.S.S.R. 1967; *Add*: Indian Institute of Science, Bangalore-12.

DHILLON, Joga Singh—Head, Dept. of Panjabi, S.D. College, Barnala since October 1967; *b* 25 November 1942 at Kahneke in Dist. Sangrur; *Edn:* M.A. (Panjabi) in 1965 from Panjabi Univ.; *Pub*: Books on 'Kark Kleje Mahen', 'Bawa Balwant Kavi Muliankan', 'Jaswant Singh Kanwal da Naik Sankalp', 'Sahit ki te Kion'; *Honours:* 2nd in Univ. in M.A.; *Exp*: Started at S.D. College, Barnala ; *Mem*: Editor of Mumandra Quarterly, Sahitya Marg, Barnala; President, Likhari Sabha, Barnala; *Knows*: English, Hindi, Panjabi, Urdu, Sanskrit & Gujrati; *Hobb*: Games; *Add*: S.D. College, Barnala.

DHUMALE, Pundlik Udhao—Principal, Phulsingh Naik Mahavidyalaya, Pusad since 1961 ; b 1 July 1934 at Pusad in Dist. Yeotmal ; *Edn :* M.A. (Marathi) in 1958 from Vidarbha Mahavidyalaya, Amravati; *Pub* : 12 research articles in 'Tarun Bharat' & 'Maratha' daily on public subjects ; *Exp :* New High School, Amravati 1958-59 ; Vidarbha Mahavidyalaya, Amravati 1959-60 ; Lokahit Vidyalaya, Pusad 1960-61 ; *Mem :* President of Vidarbha Sahitya Sangha (Pusad), President of Yuvak Mandal (Pusad) ; *Genl* : Guiding the youth activities for constructive and creative work ; *Knows :* Marathi, Hindi & English ; *Hobb :* Reading, writing & participating in youth activities ; *Add :* Phulsingh Naik Mahavidyalaya, Pusad.

DIKSHIT, (Dr.) Anand Prakash—Prof. & Head, Hindi Dept., Poona Univ., Poona since August 1966 ; *b* 6 February 1925 at Meerut ; *Edn :* M.A. (Hindi) in 1948 from Meerut College, Meerut ; M.A. (Sanskrit) in 1951, Ph.D (Hindi) in 1956 ; *Resch Exp :* Ph.D. on 'Rasa in Kavya', currently working for D. Litt., guiding Ph.D. students ; *Pub :* Books on 'Rasa-Siddhant', 'Beli Krishna Rukmini Ri' 'Saundarya Tattva', 'Tulsidas : Vastu aur shilpa', besides numerous articles; *Exp :* Asstt. Prof., St. Andrew's College, Gorakhpur, 1949-58 ; Gorakhpur Univ., 1958-62 ; Reader in Hindi, Rajasthan Univ., 1962-66 ; *Mem :* Chairman of Board of Studies in Hindi of Poona Univ., Member of Nagri Pracharini Sabha (Varanasi), Bhandarkar Research Institute, Maharashtra Sahitya Parishad, Bhartiya Sahitya Parishad (Allahabad), its Genl. Secy. for 1968-70; Board of Studies in Hindi of Gorakhpur & Shivaji Univ.; *Knows:* Marathi, Bengali, Gujrati & Russian; *Hobb:* Visiting places of historical importance ; *Add :* Dept. of Hindi, Poona Univ., Poona.

DIKSHIT, Bhagirath—Head, Hindi Dept., Jai Hind College, Bombay since 1964 ; *b* 4 July 1919 at Vill. Amihit in Dist. Jaunpur ; *Edn :* M.A. (Hindi) in 1950 from BHU ; *Pub :* 'Sameekshaloka', 'Kamayani-Vimarsh', 'Mahadevi Kavya Parisheelan'; *Exp :* For 15 years teaching Inter and B.A. classes at Jai Hind College, Bombay and for 13 years teaching Post-Graduate classes at Bombay Univ.; *Mem :* Ex-Officio Member of Board of Studies in Hindi, Bombay Univ., *Knows :* Hindi, Sanskrit, Urdu & English ; *Add :* 23, Tripathi Bhawan, Aarey Road, Goregaon, Bombay—62 (NB).

DIKSHIT, (Dr.) Giri Shridhar—Head, Dept. of History, Karnatak Univ., Dharwar since 1962 ; *b* 10 January 1911 at Harihar in Dist. Chitradurga ; *Edn :* M.A. (History) in 1942 from Bombay Univ., Ph.D. in 1962 from Karnatak Univ.; *Resch Exp :* Guiding research scholars ; *Pub :* Books on 'Local self-Government in Medieval Karnatak', editor of 'American History by Indian Historians' besides several articles ; *Exp :* Maharaja's College, Parlakimedi 1932-39 ; Willingdon College, Sangli 1940-46 ; Fergusson College, Poona 1946-55 ; Karnatak Univ 1955-61 and rejoined in 1962 ; *Mem :* Indian History Congress and its Executive, American Studies Research Centre (Hyderabad). Indian Congress of American History and President of its annual Session in Allahabad in 1965 ; Fellow of the Institute of Historical Studies ; *Knows :* English, Kannada, Telugu, Marathi & Sanskrit ; *Visited :* U.S.A. 1961-62 ; *Hobb :* Gardening and tennis ; *Add :* Dept. of History, Karnatak Univ., Dharwar.

DIKSHIT, Lakshmi Datta—Principal, Arya College, Panipat since 1958 ; *b* 20 August 1915 at Askaripur in Dist. Bijnor *Edn :* M. A. (Hindi) in 1953 ; *Pub :* Books on 'Swarjya Darshan & 'Political Science' ; *Exp :* D.A.V. High School, Hoshiarpur, 8 years ; joined Arya College, Panipat in 1954 ; *Mem :* Senate & Academic Council of Gurukul Kangri Univ., founder Registrar of Arya Vidya Parishad (Panjab), President of Managing Cttees of many High Schools, Jt. Secy. of Arya Samaj Educational Conference ; *Genl :* Interested in religious, social and literary activities ; has been office bearer and member of International Aryan League, Arya Pratinidhi Sabha, Hindi Sahitya Sammelan, Haryana Goshala Sangh etc ; *Knows:* English, Hindi, Sanskrit, Panjabi & Urdu ; *Sports :* Vice President of Dist. Olympic Association and other sports associations ; *Add :* Arya College, Panipat.

Chhatarpur, M.P.

DIKSHIT, (Dr.) Shambhoo Sharan—Prof., Govt. College of Education, Chhatarpur ; *b* 11 June 1930 at Bindki in Dist. Fatehpur ; *Edn :* M.A. (Econ) in 1952 from Univ. of Agra, M. Ed. in 1953 from Univ. of Allahabad, M.A. (Pol. Sc.) in 1955 from Univ. of Agra, Ph.D. (Edn) in 1963 from Univ. of Saugar ; *Resch Exp :* For 6 years : *Pub :* Books on 'Current Problems of Indian Education', 'Nationalism and Indian Education', besides over 30 papers on educational problems ; *Honours :* Broadcast several talks on Bhopal & Indore stations of A.I.R. ; *Exp :* Lecturer in Govt. Training Colleges of M. P. 4 years ; Principal, Govt. Hr. Sec. Schools, M.P., 3 years ; *Knows :* English & Hindi ; *Hobb :* Journalism ; *Add :* Govt. College of Education,

DIKSHIT, (Prof.) Shri Kant—Prof. of Paediatrics, College of Medical Sciences, BHU, Varanasi since 1965 ; *b* 15 March 1931 ; *Edn* M.D. in 1957 from Lucknow Univ., D.C.H. in 1961 from Bombay Univ., D.C.H. in 1961 & M.R.C.P. in 1962 from Glasgow Univ. (U K.), M.R.C.P. in 1962 from Edinburgh, U.K ; *Honours:* Col. Stott Gold Medal, Selby Gold Medal, Kanauji Lal Gold Medal, Banerji Gold Medal, Sidh Gopal Gold Medal, Gold Medal of Anatomical Society, Gold Medal from Physiological Society, Silver Medal of K.G.M.C. ; *Pub :* About 35 research papers of research importance notably in the field of Cirrhosis of Liver, Tract Urinary Infection in Children, Indigenous Drugs in Worm Infestation in Children etc; *Exp:* K.G. Medical College, Lucknow 1955-61; Royal Hospital for Sick Children, Edinburgh, 1961-63; S.N. Medical College, Agra 1963-65 ; *Mem :* British Medical Association, Indian Academy of Paediatrics, executive member of U.P. Association of Mental Retardation ; *Knows :* Hindi, Urdu & French ; *Visited :* U.K., Scotland, France, Germany, Switzerland, Italy & Egypt ; *Add :* Dept. of Paediatrics, College of Medical Sciences, BHU, Varanasi.

DINESH, (Dr.) Ramgopal Sharma—Lecturer in Hindi, Univ. of Udaipur, Udaipur ; *b* 5 July 1929 at Sidhawali in Dist. Agra : *Edn* : M.A. (Hindi), M.A. (Sanskrit), Ph.D. in 1960 ; *Resch Exp :* Worked for D. Litt. ; *Pub :* Over 40 books on various subjects ; *Honours :* Two Academi Prizes on Poetry, one on Drama ; Prize from the Govt. of India. one Story Prize of Rajasthan Govt. ; *Exp :* Started in Rajasthan Education Service and then to Udaipur Univ. ; *Mem :* Governing Council of Rajasthan Sahitya Academi ; *Genl :* Editor, Saraswati, Sambad ; *Knows :* Hindi, Urdu, English & Sanskrit ; *Hobb :* Writing ; *Add :* Dept. of Hindi, Univ. of Udaipur, Udaipur.

DINKAR, (Dr.) R.D. Sinha—Ex-Vice Chancellor Bhagalpur Univ.; *b* 23 September 1908 at Vill. Simaria in Dist. Monghyr ; *Edn :* B.A. (Hons) (History) in 1932 from Patna College, Patna ; *Exp :* Head Master of H.E. School 1933-34 ; Sub-Registrar, Govt. of Bihar, 1934-43 ; Dy. Director Public Relations, Govt. of Bihar 1943-50 ; Prof. of Hindi, L.S. College, Muzaffarpur 1950-52 ; Member of Rajya Sabha 1952-63 (Resigned membership of the Rajya Sabha) ; Vice-Chancellor, Bhagalpur Univ., 1964-65 ; Hindi Advisor to the Govt. of India since 1965 ; *Honours :* Padma Bhushan 1959 ; Sahitya Akademi Prize 1959; Dwivedi Gold Medal by the Nagari Pracharini Sabha ; Cash Prizes from Govt. of India twice, Bihar Rashtra Bhasha Parishad, Govt. of U.P.; *Mem :* Kher Official Language Commission, The Sahitya Akademi (Delhi), Sangeet Natak Akademi (Delhi), The Cttee for the Presidential Awards to Films, Central Board of Film Censors, Central Advisory Cttee of AIR, The Nagari Pracharini Sabha (Kashi), Kendriya Hindi Shiksha Samiti, The All India Bhasha Samiti; *Pub:* Over 80 books on Poetry, prose, books for children; all books extremely famous in the Hindi literature ; *Visited:* Poland, England, France, Switzerland, Egypt, Nepal, China, U.S.S.R. & Mauritius at various occasions on behalf of the Govt. ; *Knows :* English, Hindi, Urdu, Bengali & Maithili ; *Add* : 5, Safdarjang Lane, New Delhi.

DIWAKAR, Ranganath Ramachandra—Chairman, Gandhi National Memorial Fund ; *b* 30 September 1894 at Madihal, Dharwar : *Edn :* M.A. (English) in 1918 from Fergusson college, Poona ; LL.B. in 1919 from Law College, Bombay; *Pub :* Glimpses of Gandhiji, Satyagraha in Action, Satyagraha—The Pathway to Peace, The Upanishads in Story & Dialogue, Mahayogi, Paramhamsa Ramakrishna, Bhagwan Buddha, 18 books in Kannada, General Editor of Bihar through the Ages & Karnatak through the Ages ; *Honours :* D. Litt. by Karnatak Univ. in 1958 ; *Exp* : School teacher in Dharwar, Prof. of English in Kolhapur & Dharwar Colleges, started 'Karamveer' in Kannada to support nationalist Movement; Genl. Secy. and President of Provincial Congress Cttee ; in jail during 1922, 1924, 1930, 1932 and 1942 (Underground uptil 1944), Minister of State for Information & Broadcasting 1948-52, Governor of Bihar 1952-57, since 1957 Chairman of the 20 million dollar Gandhi Memorial Fund ; *Mem :* Executive Cttee of the Indian & Eastern Newspapers Society, Indian P.E.N., National Sports Club of India, International Press Institute, Chairman of the Mahatma Gandhi Centenary Celebrations Cttee; *Knows :* Kannada, Marathi, Hindi, English, Bengali, Gujrati & Sanskrit ; *Visited :* U.S.A. & Italy ; *Genl :* Sole Trustee of Lok Shikshan Trust (Hubli), Editor of Sanyukta Karnataka (Kannada Daily), Karmaveer (Kannada Weekly), Kasheri (Kannada monthly digest) ; *Add* : 2, Residency Road, Bangalore-25.

DIXIT, (Dr.) Krishna Kumar—Jr. Resch. Officer, L.D. Institute of Indology, Ahmedabad since June 1964 ; *b* 3 January 1929 at Chandausi in U.P. ; *Edn :* M.A. (Phil) in 1949 from Allahabad Univ., Ph. D. in 1964 from Bihar Univ.; *Resch Exp :* At the Indian Institute of Philosophy (Amalner) and the Indian Academy of Philosophy (Calcutta) ; *Pub :* Books on 'Advanced studies in Indian Logic and Metaphysics' and 'Bhartiya Darshan' ; *Exp :* Started with L.D. Institute of Indology in 1964 ; *Knows :* English, German, Russian, Bengali, Gujrati, Marathi & Sanskrit ; *Add* : L.D. Institute of Indology, Ahmedabad.

DIXIT, (Dr.) Pradeep Kumar—Asstt. Lecturer in Vocal Music, Music College, BHU, Varanasi since February 1965 ; *b* 21 August 1936 at Bombay ; *Edn* : M. Music in 1961, D. Music in 1964 from BHU, Varanasi ; *Resch Exp:* For 2 years ; *Pub :* Comparative study of Nayak-Nayika-Bhed & Raag-Raagini classification ; *Exp :* For 3 years at BHU ; *Genl* : Interested in light music compositions, already composed 100 songs ; *Knows* : English, Gujrati, Hindi, & Marathi ; *Hobb :* Dramatics, conducting programme and group songs, orchestra etc. ; *Add :* Jagannathji's Temple, B-1/152, Assi Ghat, Varanasi or c/o Sushree Manjula Behn Dave, Chandraville, Ambaji Road, Surat.

DIXIT, R.V.—Principal, Polytechnic, Khurai, Dist. Sagar since February 1966 ; *b* 11 July 1933 at Rewa ; *Edn :* B.E. in 1955 from Birla Engg. College, Pilani ; Visharad in 1948 from Hindi Sahitya Sammelan, Prayag ; *Exp :* Indian Army 1955-56 ; Dept. of Elect. Mech., Vindhya Pradesh ; since September 1956 in M.P. Education Service ; *Mem* : Associate Member of the Institution of Engineers (India) ; *Knows* : Hindi, Marathi & English ; *Hobb :* Debating, literary & other extra-curricular activities ; *Add :* Uperhati, Near Jalpa Temple, Rewa.

DOCTOR, (Dr) Adi H. — Lecturer, Dept. of Pol. Sc., Marathwada Univ., Aurangabad since 1963; *b* 30 October 1936 at Bombay: *Edn:* M.A. in 1960 from Bombay Univ., Ph.D. in 1964 from Marathwada Univ ; *Pub*: 'Anarchist thought in India', 'Sarvo-daya', 'Vikendrit Lokashahi', 'Probe into Gandhian concept of Ahimsa' besides 30 articles; *Exp :* Doogiri College, Aurangabad 1960-63; *Mem*: Indian Political Association, Indian Liberal Group (Bombay) ; *Knows*: English, Hindi, Gujrati & Marathi ; *Add* : Dept. of Pol. Sc., Marathwada Univ., Aurangabad.

DONGERKERY, Sunderrao Ramarao — Retired from the Vice-Chancellorship of Marathwada Univ. in 1964; *b* 25 February 1898 at Mangalore ; *Edn:* B. A. in 1919, LL.B. in 1921 from Bombay Univ., winning Kinloch Forbes Gold Medal and Prize; *Pub:* Books on 'Universities & their Problems', 'Universities & National Life', 'Thoughts on University of Education', 'Universities in Britian', 'Some experiments in General Education', 'A History of the University of Bombay 1857-1957','memories of Two Universities', 'University Autonomy in India', 'Education in India'; *Mem:* Indian P.E.N.; *Genl:* Interested in writing poems and author of 'The Ivory Tower'— a collection of lyrics in English (1953) ; *Visited:* U.K. 1950, 1953; France, Belgium, Holland, Switzerland, Italy, 1950-51; France 1952; Italy 1953; U.S.A. 1954; Turkey 1955 to attend several conferences; *Knows:* English, French, Marathi, Gujrati, Hindi & Kunkani ; *Hobb:* Travelling; *Add:* 3 Sita Mahal, 64 Walkeshwar Road, Bombay-6.

DOSANJH, Gurcharan Singh — Principal, Guru Gobind Singh Republic College, Jandiala since June 1967; *b* 6 June 1912 at Vill. Dosanjh Kalan in Dist. Jullundur; *Edn:* M.A. (Maths) in 1939 from Dyal Singh College, Lahore; B.T. in 1941 from Central Training College, Lahore ; *Pub:* Author/Co-author of 'Elementary Mathematics' for B.Sc. and Pre-medical students', 'Pure Solid Geometry', 'Text Book of Algebra', 'Elements of Algebra', 'Elements of Co-ordinate Geometry', 'Elements of Trignometry' for various classes ; *Honours*: Bhupendra Gold Medal for all round best student at Khalsa College, Amritsar; *Exp:* Khalsa College, Amritsar 1941-67; *Mem*: Faculty of Arts, Science & Mathematics, Education Boards of Teaching, Mathematics & Astronomy etc. of the Univ. ; *Knows:* English, Urdu, Punjabi, Hindi ; *Visited*: Afghanistan & Pakistan ; *Hobb*: Gardening, hiking and trekking ; *Add:* G.G.S.R. College, Jandiala, Dist. Jullundur.

DOSHI, Amubhai V. — Prof. & Principal, Music College, Kashi Vishwanath Plot 8, Rajkot since 1961 ; *b* 17 September 1923 at Karachi, Sindh ; *Edn:* Sangeet Visharad in 1944, Sangeet Alankar in 1946 from Gandharva Vidyalaya ; *Resch Exp:* In the effects of musical notes on mind and ultimately on health ; *Pub:* Books on 'Sitar Shiksha' in 2 parts, 'Sangit Visharad', 'Sangeet Madhurya', 'Sangeet Pranshika', besides monograms ; *Honours*: 'Sangeetacharya' given by Kala Bharti, Varanasi : *Exp*: Saurashtra Sangeet Natak Akademy, 10 years ; *Mem:* Chairman Fine Arts of Gujrat Univ ; Chairman, Music Board of Saurashtra Univ. ; *Knows:* English, Hindi & Gujrati ; *Add:* Sangeet Natya Bharti, Chibbi Villa, 8, Kashivishwanath Plot, Rajkot.

DOSHI, Harish Chandra Shanker Lal — Head, Dept. of Sociology, Gujrat College, Ahmedabad Since June 1965 ; *b* 17 September 1941 at Salumber in Dist. Udaipur ; *Edn:* M.A. in 1963 from M.B. College. Udaipur ; *Resch Exp:* In 'Organisation of tradition in a Western Indian city' ; *Pub:* Five research papers ; *Exp:* S.D. College, Bhavnagar 1963-64 ; joined Gujarat College in 1964 ; Visiting Prof. to Gujarat Univ. several times : *Mem*: Sociology Teachers Association ; *Knows*: Gujrati, English & Hindi : *Hobb:* Sports, reading and touring ; *Add:* Gujrat College, Ahmedabad.

DOSS, (Prof.) Kadarundalige Sitarama Gururaja — Chemist ; *b* 10 August 1906 at Nagamangala ; *Edn:* M.Sc. (Chem) first class first from Mysore Univ., D.Sc. from Madras Univ. ; *Resch Exp:* In the field of Surface Chemistry & Electrochemistry ; several fundamental discoveries and inventions to his credit ; *Exp:* Lecturer & later Asstt. Prof. of Chemistry, Mysore Univ. 1928-43 ; Physical Chemist, National Sugar Institute, Kanpur 1943-50 ; Prof. of Sugar Chemistry and for sometime officiating Director of National Sugar Institute 1950-57 : Dy Director-in-Charge, Central Electrochemical Research Institute, Karaikudi 1957-58 ; Director, Central Electrochemical Research Institute 1958-67 ; Head of the Research & Development Division, Indian Cements Ltd. since December 1967 ; *Mem*: Fellow of Royal Institute of Chemistry (London), Institute of Physics (London), Indian Academy of Sciences, National Institute of Sciences of India; past-Vice President of Sugar Technolgists Association ; ex-president of Institution of Chemists, National Secretary of International Cttee on Electrochemical Thermodynamics & Kinetics; Vice President of Indian Chemical Society ; Vice President of International Congress on Metallic Corrosion (Moscow) ; Permanent member of the Council of European Federation of Corrosion ; *Visited*: Japan, U.K., W. Germany, France & Switzerland; *Add*: Chemicals & Plastics India Ltd , 175/1, Mount Road, Madras-2.

DUA, (Dr.) Prithvi Raj — Scientist, Division of Pharmacology, C.D.R.I., Lucknow since 1966 ; *b* 10 November 1936 at Sahiwal in Dist. Sargodha ; *Edn*: M.D. in 1965 from K.G. 's Medical College, Lucknow ; *Resch Exp:* For 5 years ; *Pub*: 12 research papers ; *Exp*: Rotating Intern, G.M. & A. Hospitals, Lucknow 1 year ; Senior Demonstrator, K.G. Medical College, Lucknow 1½ years ; Research Scholar 3 years upto 1966 ; *Mem*: Association of Physiologists & Pharmacologists of India, ex-member of Executive, Clinical Society of K.G. Medical College ; *Genl*: Composed 30 Urdu ghazals and many published ; *Knows*: Hindi, English, Urdu & Panjabi ; *Add*: Pharmacology Dn., C.D.R.I., Lucknow.

DUBE, Mani Shanker — Head, Dept. of Anaesthesiology, Medical College, Nagpur since 1960 ; *b* 25 July 1915 at Narsimhapur ; *Edn*: Dip. in Anaesthesiology in 1952 from Seth G.S. Medical College, Bombay ; *Resch Exp*: for 20 years in the field of Acute Intestinal Obstruction ; *Pub*: 'Pediatric Anaesthesia in Cleft lip and palate', 'Spinal Anaesthesia in Caesarian Sections' ; *Exp*: Medical College, Nagpur 1949-53 ; K.E.M. Hospital, Bombay 1953-60 ; *Mem*: Faculty of Medicine of Nagpur Univ ; Indian Society of Anaesthetists, Academy of Medical Sciences ; *Knows:* English, Hindi & Marathi ; *Hobb*: Teaching and research ; *Add* : Medical College, Nagpur.

DUBE, (Dr.) Shyama Charan — Head, Dept. of Anthropology, Saugar Univ., Sagar since July 1957 ; *b* 25 July 1922 at Seoni, M.P. ; *Edn*: Ph. D. (Anth) in 1947 from Nagpur Univ. ; *Resch Exp*: Field research work in Madhya Pradesh, Andhra Pradesh, U.P. and Orissa ; *Pub*: Books on 'The Kamar', 'Indian Village', 'India's Changing Villages', 'Human Factors in Community Development, 'Manav aur Sanskriti', besides over 60 papers in reputed journals ; *Exp*: Universities of Nagpur, Lucknow, Osmania London, Cornell, Saugar, East West Centre (Hawaii-U.S. A); Principal, National Institute of Community Development; *Mem:* Fellow of Royal Anthropological Institute, Commonwealth Association of Social Anthropologists ; *Genl*: Consultant to UNESCO and U.N. ; *Knows*: English, Hindi & Marathi ; *Visited* Over 20 visits abroad as Visiting Professor, consultant or Seminar/conference participant; *Hobb*: Photography ; *Add*: Dept. of Anthropology & Sociology, Saugar Univ.. Sagar.

DUBEY, (Dr.) Laxmi Narayan — Asstt. Prof. of Hindi, Univ. of Saugar since November 1960 : *b* at Harda in Dist. Hoshangabad ; *Edn*: Sahityaratna in 1952 from Hindi Sahitya Sammelan Allahabad ; M.A. (Hindi) in 1956, M.A. (History) in 1960, Ph.D. (Hindi) in 1963 from Univ. of Saugar ; *Resch Exp*: For 12 years ; D. Litt. subject 'Adhunik Hindi Rashtriya Kavya-dhara ka Sanskritik Anushilan' ; *Pub* : 4 books published, five to be given for publication, more than 400 articles published in reputed Hindi magazines ; *Honours:* Govt. of M.P. award for Rs. 1,500/- ; recepient of aid from U.G.C. for publication of two research books ; *Exp:* Head, Dept. of Hindi. Naramada Degree College, Hoshangabad 1956-60 ; *Mem*: Bhartiya Hindi Parishad ; *Knows:* Hindi & English ; *Hobb*: Reading and writing ; *Add* S-4, Saugar Univ., Sagar.

DUBEY, (Dr.) Prem Narayan — Prof & Head, Dept. of Anatomy, Medical College, Nagpur since April 1962 ; *b* 9 July 1931 at Chhindwara, M.P. ; *Edn*: M.S. (Anatomy) in 1957 from Medical College Nagpur ; *Resch Exp.* For 12 years in the field of 'Morphogenesis of limb in vertebrates, and 'Histogenesis of certain groups of neurons in the spinal cord of chick' ; *Pub*: About 25 articles in distinguished medical journals ; *Exp*: Medical College, Nagpur ; Medical College, Aurangabad ; School of Medicine, Univ. of Pennsylvania, U.S.A. ; *Mem*: Indian Academy of Medical Sciences ; Vice-President, Anatomical Society of India ; delivered inaugural address, Zoological Society of Nagpur Univ. ; deliverd P.G. Extension lecture at Agra Medical College, Agra ; Genl. Secy. of Anatomical Society of India for 1968-70 ; Member of Executive, Nagpur Junior Chamber 1964-66, its Vice-President 1967-68 ; *Knows*: Hindi, Marathi & English ; *Visited*: U.S.A.; *Hobb*: Photography, gardening and tennis; *Add*: Laxmi Kuteer, North Civil Lines, Chhindwara.

DUBEY, (DR) S.S. — Lecturer in Biochemistry, College of Medical Sciences, BHU, Varanasi since 1960 ; *b* 1 November 1936 at Vill. Barhari ; *Edn*: M.Sc. (Org. Chem) in 1950, D. Phil. in 1960 from Allahabad Univ ; *Resch Exp*: For about 11 years ; *Pub*: 7 papers ; *Exp*: Started with College of Medical Sciences, BHU ; *Mem*: Society of Biological Chemists of India, Nutrition Society of India ; *Knows*: English, Hindi & French ; *Visited:* U.S.A. 1964-66 for research ; *Hobb*: Paper and novel reading ; *Add*: Dept. of Biochemistry, College of Medical Sciences, Varanasi.

DUBEY, Surendra Prasad — Prof. & Head, Dept. of Economics, T.R.S. College, Rewa since July 1964 ; *b* 8 April 1927 at Ramnagar in Dist. Satna ; *Edn*: M.A. (Econ) in 1950 from Agra Univ. ; *Pub*: 2 Books on 'Arthik Vicharon ka itihas', 'Arthshastra ke Siddhant' ; *Exp*: T.R.S. College, Rewa and Govt. College, Shahdol ; *Mem:* Board of Studies in Economics of Univ. of Sagar ; Moderation Board of Univ. of Indore ; *Knows*: Hindi & English ; *Hobb*: Reading and writing ; *Add*: T.R.S· College, Rewa.

DUDANI, (Dr.) Arjun Thanwardas—Head, Division of Dairy Education & Training & Principal Dairy Science College, National Dairy Research Institute, Karnal since April 1967 ; *b* 14 April 1924 at Larkana in W. Pakistan ; *Edn*: Ph. D. (General Bacteriology, Dairy Bacteriology & Biochemistry) in 1950 from Iowa State College, U.S.A.; *Resch Exp*: For past over 15 years ; *Pub*: About 60 research papers, reports etc. ; *Exp:* Junior Scientific Officer, Dn. of Microbiology, Central Drug Research Institute, Lucknow 1951-54 ; Asstt. Director, Antibiotics Section, Central Research Institute, Kasauli, 1954-59 ; Head, Divn. of Dairy Microbiology, National Dairy Research Institute, Karnal, 1959-67 ; *Mem:* Dairy Science Cttee of I.C.A.R. ; Board of Studies in Dairying, Biochemistry, Microbiology & Faculty of Panjab Univ. ; Member, Indian Dairy Science Association; *Knows*: English, Sindhi & French, German ; *Visited:* U.S.A. 1947-50 for higher studies ; *Hobb* : Photography and gardening ; *Add* : c/o National Dairy Research Institute, Karnal.

DUGGAL, Kartar Singh — Permanent Station Director, A.I.R. & Sect., National Book Trust, New Delhi-13 since April 1966 ; *b* 1 March 1917 at Dhamial in Dist. Rawalpindi; *Edn*: M.A. (English) in 1940 from Forman Christian College ; Ph. D. (Punjab Folklore) from Punjab Univ. ; *Pub*: 15 short story books, 6 novels, 2 poetry collections, 8 dramas, one criticism in Punjabi; 3 short stories, 4 dramas & 4 novels, in Hindi; 3 books in Urdu ; *Honours*: Honoured by the Govt. of Punjab as an eminent litterateur with a 'Robe of Honour' and a Purse in 1962 ; awarded Sahitya Akademy Award for Punjabi in 1966 ; *Exp*: Lecturer in Punjab Carden College, Rawalpindi ; *Mem*: Punjabi Advisory Cttee of Sahitya Akademi, National Book Development Board, Secy. of National Book Trust ; *Knows:* Panjabi, Hindi, Urdu, English & Persian; *Visited*: Pakistan on UNESCO seminar on Fostering Bookmindedness ; *Hobb*: Writing and reading ; *Add:* National Book Trust, Nizamudin East, New Delhi-13.

DUTT, Ajit Kumar — Head, Dept. of Bengali, Jadavpur Univ., Calcutta-32 since December 1965 ; *b* 13 February 1908 at Dacca ; *Edn*: M.A. (Sans. & Bengali) in 1930 from Dacca Univ. ; *Resch Exp*: For several years in Bangla Sahitya Hasyaras ; *Pub:* Books an 'Bengal Sahitya Hasyaras', 'History of Bengali Poetry', 8 books of poems, 2 books of essays, besides 30 papers ; *Honours*: Govt. scholarship in B.A. ; *Exp*: Asstt. Lecturer, Dacca Univ., 1 year ; Lecturer, Repon College, 1932-36 ; Presidency College 1954-56 ; Reader in Bengali, Jadavpur Univ. 1956-65 ; *Mem*: Bangiya Sahitya Parishad, Asiatic Society of Bengal ; *Knows*: Bengali & English ; *Add:* Dept. of Bengali, Jadavpur Univ., Calcutta-32.

DUTT, Dilip Kumar — Prof. & Head, Chem. Engg., Jadavpur Univ., Calcutta since 1960 ; *b* 10 December 1921 at Calcutta ; *Edn*: A.M.Ch.E. in 1943, B.Ch.E. in 1946 from College of Engg. & Techy., Jadavpur ; M S. (Chem. Engg.) in 1948 from Carnegie Institute of Techy., Pitsburgh, U.S.A. ; *Resch Exp*: For past 18 years, guiding research students ; *Pub:* Ten research papers in Indian and foreign journals; *Honours*: Overseas Scholarship from Govt. of India in 1947 ; *Exp*: Instructor 1943-46, Lecturer 1946-47, Asstt. Prof. 1949-58, Prof. of Chem. Engg. since 1958 at Jadavpur Univ.; *Mem*: Indian Institute of Chemical Engineers, Asstt. Member of Institution of Engineers (India), National Council of Education (Bengal), besides universities ; *Genl*: Served Union Ministry of Food and Agriculture on deputation, paper-setter for a number of universities like Jadavpur, Calcutta, Andhra, Delhi, Nagpur, Osmania, Banaras and Punjab etc. ; *Knows*: Bengali & English ; *Visited*: U.S.A. 1947-49 for higher studies ; *Hobb*: Travelling, reading and photography ; *Add*: 15/1B, Jadavpur Central Road, Calcutta-32.

DUTTA, Ajit Kumar — Reader in Physics, Indian Association for the Cultivation of Science, Jadavpur, Calcutta-32 since 1964 ; *b* 2 March 1918 at Mymensingh ; *Edn*: M.Sc. (Physics) in 1938 from Univ. of Dacca ; *Resch Exp*: For 25 years in solid state and low temperature Physics; in collaboration with Dr. A. Bose produced liquified hydrogen for the first time in India and developed a hydrogen liquefier cryostat; guiding research students; *Pub*: About 50 research papers in Indian and foreign journals ; *Honours*: Jatindra Chandra Memorial Prize 1948; *Mem*: Indian Association for the Cultivation of Science ; Fellow of Indian Physical Society ; *Genl*: Avoids publicity and leads a simple life;

Knows. English, Bengali & Sanskrit ; *Visited*: Various Institutions and Universities in U.K. during 1963-64 ; *Hobb*: Photography and seeing sports events ; *Add*: Dept. of Physics, Indian Association for the Cultivation of Science, Calcutta-32.

DUTTA, Mrinal Kanti —Lecturer, Dept. of Geography, Univ. of North Bengal, Rajarammohanpur since November 1962 ; *b* 31 July 1938 at Khulna in E. Pakistan ; *Edn*: M.Sc. (Geog) in 1960 from Presidency College, Calcutta, with first class first and winning Univ. Medal; *Resch Exp:* For past 4 years working on 'Regionalisation of Resources and economic development of North Bengal'; *Pub*: Read 3 papers at Indian Science Congress Sessions; published —'Siliguri- A case study for Urban Development' and 'Mountaineering—A Geographical Approach'; *Exp*: Presidency College, Calcutta & Chandernagar College, 1961-62 ; *Mem*: Indian Science Congress ; *Genl*: Completed the 34th Basic Mountaineering Course from the Himalayan Mountaineering Institute, Darjeeling in 1963 ; *Knows*: English, German, Bengali & Hindi ; *Hobb*: Travelling, book-reading & languages learning ; *Add*: Dept. of Geography, Univ. of N. Bengal, Rajaram-mohanpur.

DUTTA, (Dr.) Nirmal Kumar — Director, Haffkine Institute, Bombay since May 1968 ; *b* in Bengal ; *Edn*: D.Phil. (Pharmacology) in 1949, D.Sc. (Microbiology) in 1964 from Oxford Univ. ; *Resch Exp*: For 25 years in the field of pharmacology, chemotherapy and experimental Medicine, inventor of infant rabit model for study of cholera ; *Pub*: About 70 research papers in Indian and foreign journals ; *Honours*: Basanti Devi Amirchand Prize 1956, Shanti Swarup Bhatnagar Award 1965, G.J. Wattumul Memorial Award 1965 ; *Exp*: House Physician, Calcutta 1937-38 ; Bacteriological Asstt., Calcutta 1940-41; Research Asstt., Indigenous Drugs, Calcutta 1942-44 ; Senior Experimental Pharmacologist, Calcutta 1942-44 ; Pharmacologist, Kasauli 1944-46 ; Research Worker, National Institute of Medical Research 1947 ; Oxford Univ. 1947-49; Asstt. Director, Haffkine Institute, Bombay 1949-68 ; *Mem*: National Institute of Sciences of India, British Pharmacological Society, Trustee of Bombay College of Pharmacy; on the Editorial Board of numerous Indian and foreign medical journals ; *Knows*: English & Bengali; *Visited*: Six time gone abroad, visited the Continent, U.K., U.S.A., Japan, U.S.S.R. Philippines, Malaya & Thailand ; *Hobb*: Reading ; *Genl*: Consultant to W.H.O., member of Several expert committees on research and drug testing ; *Add*: Haffkine Institute, Parel, Bombay.

DUTTA, (Dr.) Rup — Lecturer in Chemistry, B.I.T.S., Pilani since 1963 ; *b* 10 August 1938 at Kanpur ; *Edn*: M.Sc. in 1959 from D.A.V. College, Kanpur ; D.Phil. in 1963 from Allahabad Univ.; *Resch Exp*: For 7 years ; *Pub*: 15 papers on Kinetics, Absorption etc.; *Exp*: Started at B.I.T.S., Pilani in 1963 ; *Knows*: English, Hindi & German ; *Hobb*: Gardening ; *Add*: c/o Shri Nava Kumar Chaudhury, Vill. Hatgobindopur, Dist. Burdwan.

DVIVEDI, (Dr.) Kapil Deva — Prof. of Sanskrit, K.N. Govt. College, Gyanpur since 1961 ; *b* 16 December 1919 at V. & P.O. Gahmar in Dist. Ghazipur ; *Exp*: M.A. (Sanskrit) in 1946 from Panjab Univ., M.A. (Hindi) in 1952 from BHU, D.Phil. in 1949 from Allahabad Univ., *Pub*: Books on 'Artha Vijnana aur Vyakarana Darshana', Sanskrit Vyakarana', 'Praudh Rachanuvada Kaumudi', 'Rachananuvada Kaumudi', 'Abhijnana Shakuntalam', ' Uttara Rama Charitam', 'Pratima Natakam', 'Kale's Higher Sanskrit Grammar'; *Honours*: Rs. 1,000/-awarded by U.P. Govt. on D.Phil. thesis in 1952; *Exp*: Allahabad Univ. 3 months; Prof. of Sanskrit, St. Andrews College, Gorakhpur 4 years; Govt. College, Nainital 10 years; *Mem*: Board of Sanskrit Studies, Agra Univ.; *Genl*: Specialisation in Yogicasanas, palmistry, yogic cure of diseases; learnt the Yajurveda and Sama Veda by heart and given prize for it; *Knows*: Hindi, Sanskrit, Bengali, Marathi, English, German, French, Russian and Chinese; *Hobb*: Writing Sanskrit poetry & debating etc.; *Add* : K.N. Govt. College, Gyanpur, (Varanasi).

DWARKA, His Holiness the Jagadguru Shankaracharya Swami Shri Abhinava Sachchidananda Teerthaji Maharaj of Sharada Peeth, of —Outstanding spiritual head of W. India; *b* 25 September 1919; *Edn*: Studied privately; took Holy Orders 1934; Installed at Dwarka on the Holy Seat of Shri Shankaracharya of Western Indian 20 June 1934; scholar and linguist; keeps moving about India delivering sermons on religion, culture and philosophy; *Mem*: President, All India Dharma Sangh Conference several times; Founder President of Shri Sharada Peeth Vidyasabha which runs educational institutions; Patron-guide of Vishwa Hindu Parishad; *Pub*: Several books in Gujrati, English, Kannada, Sanskrit & Hindi; *Add*: Dwarka, W. Rly.

DWARAKANATH, (Dr.) C.—Officer on Special Duty, I.C.M.R., New Delhi since February 1967; *b* 6 August 1906 at Visakhapatnam; *Edn*: Zeugnis in Tuberculose (Pharmacology of Ayurvedic Pravala and Gold Bhasma) in 1937 from Hamburg Univ. (W. Germany); *Resch Exp*: In the field of 'Experimental Pharmacology & Tuberculosis'; *Pub*: Eight research articles on gold-bhasma treatment of T.B. and other naturopathy subjects; *Honours*: M.P. Govt. Award for 'Introduction to Kayachikitsa'; *Exp*: Govt. School of Indian Medicine, Madras 1938-43; Research Officer, Sri Jayachamaraja Institute of Indian Medicine, Bangalore; Prof. & Principal, Govt. College of Indian Medicine, Mysore; Prof. of Kayachikitsa, P.G. Training Centre in Ayurveda, Jamnagar; *Mem*: Secy. & Fellow of the Academy of Indian Medicine (Madras); Secy. Govt. of India Cttee. on Indian Systems of Medicine; Advisor to Ministry of Health, Govt. of India; Member Secy. of Central Council of Ayurvedic Research; Member Secy. of Ayurvedic & Unani Pharmacopeia Cttee; *Knows*: Tamil, Telugu, Kannada, Malayalam, Sanskrit, English, & German; *Visited*: W Germany, U.S. S.R.; *Hobb*: Music; *Add*: I.C.M.R., Ansari Nagar, New Delhi-16.

DWIVEDI, Deo Narain—Manager, Publications Dept., Jnana Mandal Ltd, Varanasi since 1945; *b* August 1897 at Bhaisa Kachhawa in Dist. Varanasi; *Pub*: Books on 'Desh ki Bat' 'Kartvyaghat', 'Pranaya', 'Pashchatap', 'Life of Desh Bandhu Das', 'Mahatma Gandhi', 'Ghagh aur Bhaddari ki Kahawaten' and translation of other books; *Mem*: Ex-President of Akhil Hindi Prakashak Sangh (Delhi); *Knows*: Hindi, Urdu, Bengali, Gujarati & English; *Hobb*: Philosophy; *Add*: Kabirchaura, Varanasi.

DWIVEDI, (Dr) R.L.—Dept. of Geography, Univ. of Allahabad; *b* 1 August 1923 at Kanpur; *Edn*: M.A. (Geog) in 1950, D. Phil. in 1959 from Univ. of Allahabad; *Resch Exp*: Guiding several scholars in political and urban geography; *Pub*: Book on 'Human Geography' besides 16 papers published in noted journals; on subject like growth of the city of Allahabad, the wandering confluence, council map projection, unrest in S.E. Asia, geography of N.P., Himalaya aur Utpati etc.; *Exp*: D.A.V. College, Kanpur 5 years; joined Allahabad Univ. 13 years back; *Mem*: Indian Science Congress, National Geographical Society of India, (Calcutta); *Knows*: Hindi, English, Urdu & Sanskrit; *Hobb*: Gardening & travelling; *Add*: Dept. of Geography, Univ. of Allahabad, Allahabad.

DWIVEDI, (Dr.) Ram Chandra—Head, Dept. of Sanskrit, Univ. of Udaipur since September 1966; *b* 25 August 1934 at Sakwai, Dist. Farrukhabad; *Edn* : M.A. (Sanskrit) in 1954 with first class first winning 2 Gold Medals, Darshanacharya in 1955 first class first from Lucknow Univ., Sahityacharya in 1956 first class first from Sanskrit Univ., Varanasi; *Pub*: Books on 'Alankaramimamsa', 'Alankarasarvas va-Sanjivni', 'Selections from Brahmanas and Upnasidas', The Jatakamala of Aryasura', 'The Poetic Light' & Amarbharati'; *Honours*: Won several prizes in debates, essay competitions etc.; *Exp*: Lucknow Univ., Delhi Univ.; *Mem*: All India Oriental Conference, All India Sanskrit Sahitya Sammelan, Philosophical Congress, All India Darshan Parishad; *Knows*: English, Hindi, Sanskrit, & French; *Add*: Dept. of Sanskrit, Univ. of Udaipur, Udaipur.

e

EMMI, Shivaling Sidramappa—Principal, Rural Arts College, Haunsbhavi, Dist. Dharwar since June 1967; *b* 20 April 1930 at Giriyal in Dist. Belgaum; *Edn*: M.A. (History) in 1955 from Karnatak Univ.; *Resch Exp:* Working on Political Ideas of C. Rajagopalachari; *Pub:* Elements of Political Science, A Text Book on Political Science, Elementary Economics, Why do we want Plans; *Exp:* Sangameshwar College, Sholapur 1955-60; Shri Kadashiddeshwar College, Hubli 1960-64; G.I. Bagewadi College of Arts & Science, Nipani 1964-66; J.T. College, Gadag 1966-67; *Mem*: Senate, Academic Council, Board of Studies of Karnatak Univ.; *Knows:* English, Kannada, Marathi & Hindi; *Hobb:* Reading and writing; *Add:* Rural Arts College, Haunsbhavi, Dharwar.

Enayat Ahmad, (Dr.)—Prof. & Head Dept. Geography, Ranchi Univ. since 1960: *b* 1 August 1923 at Harpur in Dist. Saran; *Edn:* M.A. (Geog) in 1944 with first class first and gold medal from AMU, Ph. D. in 1949 from London Univ.; *Pub:* Books on Geographical Essays in India, Bihar: A Physical, Economic and regional Geography besides many papers in Indian and foreign journals; *Exp:* MU 1945-46; Patna Univ., 1949-55; Bihar Univ. 1955-60; *Mem:* Dean of the Faculty of Arts since 1961, member of Review Cttee of UGC, member of Indian Statistical Institute (Geography panel); *Knows*: English, Hindi, Urdu & Persian; *Visited:* UK for research; *Hobb*: Gardening; *Add:* Dept. of Geography, Ranchi Univ., Ranchi.

f

FARIQ, (Dr) Khurshid Ahmad—Head, Dept. of Arabic & Persian, Delhi Univ. since 1963; *b* 13 July 1920 at Bareilly; *Edn*: M.A. (Arabic) in 1941, Ph. D. in 1945 from AMU ; *Resch Exp:* For 20 years; *Pub:* The state letters of the Caliph Abu Bakr, Umar, Uthman ; New Light on Indian History, Qarnic Awwal ka ek Muddabir, Muslim World in the 10th Century, History of Ridda, Al-Rasail-al Rasmiya le Umar B. al-Khattah, Al-Munammaq, Ziyad b-Abik-Viceroy of the Eastern Caliphate, The Story of an Arab Diplomat, Ancient India in Arabic Literature and many papers; *Exp:* AMU 2 years; Anglo-Arabic College, Delhi for 4 years; Delhi College, Delhi for 6 years; Delhi Univ. for past 14 years; *Knows:* English, Arabic, Persian & Hindi; *Visited* : UAR; *Add*: Dept. of Arabic, Delhi Univ., Delhi-7.

FAROOQUI, (Dr) Mohammad Abdul Hamid—Head, Dept. of Persian, Urdu & Islamic Culture, Gujarat College, Ahmedabad since 1948; *b* 2 January 1914 at Malegaon in Dist. Nasik; *Edn:* M.A. (Urdu-Persian) in 1940 from N. Wadia College, Poona; Ph. D. (Urdu) in 1949 from Bombay Univ. ; *Resch Exp*: Guiding research students; *Pub:* Books on Life & Works of Chandra Bhan Brahman, Amin Gujarati's Yusuf Zulaikha-A Masnawi in Gujari Urdu; *Exp:* For 27 years, first at Karnatak College, Dharwar and then at Gujarat College; *Mem:* Board of Studies, South Gujarat & Bombay Univ.; Rifle Association of India; *Knows*: English. Urdu. Hindi, Marathi, Gujarati & Persian: *Add*: Gujarat College, Ahmedabad-6.

FIGUEIREDO, Antonio Fortunato De—Director, Academy of Music, Panjim since 1953 ; *b* 20 August 1903 at Loutulim in Goa ; *Edn* : Professor in Violin in 1932 from Conservatorio Nacional de Musica (Lisbon), Maitre in Direction de l' Orchestre in 1950 from Conservatoire National de Musique, (Paris); *Resch Exp* : In folklore, musical composition ; *Pub* : Articles on Musical nomenclature and other musical subjects ; *Honours* : Knight (Cavaleiro da Ordem de Santiago de Espada, Portugal) ; *Exp* : Liceu Normal Pedro Nunes, Lisbon ; Liceu Nacional, Goa ; *Mem* : Bombay Amateur Light Opera Sabha, Menezes Braganza Institute (Goa) ; *Genl* : Organised the Goa Symphony Orchestra in 1952 and conducting the same ; *Know* : Konkani, Portuguese, French, Italian, English, German & Russian ; *Visited* : Portugal, UK, France & Italy etc.; *Add* : Avenida Almirante Reis, Panjim, Goa.

FIRDOSI, (Dr) A. H.—Dean, G. R Medical College, Gwalior since 1963 ; *b* 10 November 1910 at Gwalior ; *Edn* ; MBBS in 1933 from K.G. Medical College, Lucknow ; L.O. (Opthal) in 1935 from Govt. Ophthalmic Hospital, Madras ; D.O.M.S. (I) in 1946 from Royal London Opthalmic Hospital ; D.O. in 1946 from Institute of Ophthalmology, Oxford ; *Resch Exp* : For about 20 years ; *Pub* : About 150 research articles ; *Exp* : 21 years at G.R. Medical College, Gwalior ; for 18 years teaching P.G. classes ; *Mem* : Medical Council of India, Medical Association for Advancement of Medical Education, Indian Medical Association ; *Knows* : English, Urdu & Hindi ; *Visited* : UK ; *Hobb* : Photography, shikar and gardening ; *Add* : G.R. Medical College, Gwalior.

FUCHS, (Dr) Stephen—Head, Indian Branch of the Anthropos Institute, Kane Road, Bandra, Bombay since 1950 ; *b* 30 April 1908 at Bruck a/d Mur in Austria ; *Edn* ; Ph.D. (Anthrop) in 1950 from Univ., of Vienna ; *Resch Exp* : Mainly in Central India and Gujarat ; *Pub* : Books on The Children of Hari, Social Origins, The Origin of Man & His Culture, Rebellious Prophets, The Gond and Bhumia of Eastern Mandla, The Great Synthesis, Tale of Gondavana besides about 203 articles ; *Exp* : St. Xavier's College, Bombay ; San Carlos Univ., Cebu, Philippines ; *Mem* : Anthropos Institute (Germany) Anthropological Institute of Great Britain & Ireland, Anthropologische Gesellschaft in Wien, etc. ; *Knows* : German, English, French & Hindi ; *Visited* : Austria and Philippines ; *Add* : Anthropos Institute, Mount May's, Kane Road, Bandra, Bombay-59.

g

GADRE, (Dr) Gopal Trimbak—Scientist, Central Salt & Marine Chemicals Research Institute, Bhavnagar since 1956 ; *b* 25 October 1926 at Akola ; *Edn* : M. Sc. (Chem) in 1950 from Saugar Univ., Ph.D. in 1960 from Poona Univ.; *Resch Exp* : For past 18 years working on 'Production of phosphate and potassic fertilizers from indigenous sources' ; *Exp* : National Chemical Laboratory, Poona 1950-55 ; German Fertilizer Industry 1955-56 ; *Pub* : About 30 research papers ; *Mem* : Institution of Chemists (India), Society of Soil Sciences (India), Geochemical Society of India ; *Genl* : has two patents to his credit ; awarded a prize of Rs. 2,000/—in 1966 by the Invention Promotion Board for his 'Manufacture of Pottasium Schoenite' from sea-bittern ; *Knows* : English, German, Hindi, Marathi & Gujrati ; *Visited*: W. Germany 1955-56 ; *Hobb* : Photography and music ; *Add* : Scientist, CS & MCRI, Bhavnagar-2.

GAHRANA, (Dr) Girraj Kishore—Head, Dept. of Pol. Sc., D.S. College, Aligarh since 1950 ; *b* 13 September 1921 at Aligarh ; *Edn* : M.A. (History) in 1942 from Agra College, Agra ; M.A. (Pol. Sc.) in 1947 first class second from D.A.V. College, Kanpur ; Ph.D. in 1963 ; *Resch Exp* : guiding Ph.D. students for past 6 years ; *Exp* : Agra College, Agra 1942-45 ; D.A.V. College, Kanpur 1945-47 ; N.R.E. College 1947-48 ; D.S. College, Aligarh since 1948 ; *Mem* : Indian Council of World Affairs, Executive Cttee of Indian Political Science Association, Academic Council, Faculty of Arts & Senate of Agra Univ., Convenor of Board of Studies of Agra Univ., Managing Editor of the Indian Journal of Political Science ; *Knows* : Urdu, Hindi & English ; *Add* : D.S. College, Aligarh.

GAIND, (Dr) Kidar Nath—Head, Dept. of Pharmacy, Punjab Univ., since July 1959 ; *b* 28 September 1911 at Sialkot ; *Edn* : M.Sc. (Chem) in 1932 from Allahabad Univ., A.I.I. Sc. in 1935 from Indian Institute of Science ; Ph.D. in 1938 from Punjab Univ. ; *Resch Exp* : For 30 years on Isolation of active Ingredients from medicinal plants, Synthetic local anaesthetics & Preservation for dosage drugs ; *Pub* : Over 100 papers, several cited in foreign standard text books; 3 patents taken out ; *Exp* : Punjab Univ. 1936-41 ; Directorate of General Health Services, Govt. of India 1941-45 ; joined Punjab Univ. in 1946; *Mem* : Indian Pharmaceutical Association, in its Council and Vice President for 2 years ; Pharmacy Council of India, Chairman of Education Cttee of Pharmacy Council of India, Fellow Royal Institute of Chemistry (London) ; Convenor, Board of Studies in Pharmacy, Member of Faculty of Punjab Unit.; President, Indian Pharmaceutical Association of Punjab Branch ; *Genl* : Lady Tata Memorial Research Fellowship for 2 years ; For 2 years worked on special project from Pfizer Pvt. Ltd. ; *Knows* : English & Hindi ; *Hobb* : Gardening ; *Add* Dept. of Pharmacy. Panjab Univ., Chandigarh.

GAINDHAR, Jawahar Lal—Reader in Mech. Engg., Univ. of Roorkee, Roorkee ; *b* 15 April 1936 at Akalgarh in W. Pakistan ; *Edn* : M.E. in 1965 from Univ. of Roorkee ; *Resch Exp* : For 4 years ; *Pub* : Papers on 'machinability, mechanical properties and corrosion behaviour of nickel and copper alloyed cast iron' etc. besides other papers; *Exp* : In-charge, Univ. Vehicles for 3 years ; Asstt. Director, Pilot Production-cum-Training Centre for 6 months ; Electroplating & Gold Medal Manufacture at Univ. for 3 years ; Teaching of P.G. classes for 5 years; undergraduates for 10 years ; *Genl* : Working on Hindi terminology for technical terms; *Knows* : Hindi, English & Urdu ; *Hobb* : Reading ; *Add* Dept. of Mech. Engg., Univ. of Roorkee, Roorkee.

GANAPATHY, M.S.—Head, Dept. of Medicine, Therapeautics & Toxicology, Madras Veterinary College, Madras-7 since 1951; *b* 15 August 1914 at Maharajapuram in Dist. Tanjavoor ; *Edn* : M.S. (Vet. Med.) in 1960 from Kansas State Univ., U.S.A.; *Resch Exp* : For past 20 years engaged in clinical research, guiding research students and staff ; *Pub* : About 20 research articles ; *Honours* : Elected to Phi Kappa Phi, the highest scholastic honour achieved by the Kansas State students ; *Exp* : Asstt. Lecturer 1943-51, Head of the Dept. since 1951 ; Medical Consultant since 1960 in the Madras Veterinary College ; *Mem* : Indian Veterinary Association, Board of Studies of Madras Univ., Planning Forum of the Dept. of Extension Education, Vice-President of Students Co-op. Society 1952-57 ; *Knows* : Tamil, Sanskrit & Hindi ; *Visited* : U.S.A. in 1959-60 to study modern methods in diagnostics under T.C.M. ; *Hobb* : Reading ; *Add* : Dept. of Medicine, Madras Veterinary College, Madras-7.

GANGADHARAIAH, K.M.—Principal, Basaveshvar Engg. College, Bagalkot since February 1964 ; *b* 26 April 1922 at Davangere ; *Edn* : M.S. (Soil Mechanics & Fluid Mechanics) in 1962 from Univ. of Connecticut ; *Resch Exp* : For 2 years ; *Exp* : Mysore P.W.D. for 2½ years ; Consulting Engineer in private practice for 5 years ; B.V.B. College of Engg. & Techy., Hubli 13 years ; *Mem* : A.M I.E. (India), A.M. ASCE, Chi Epsilon & Sigma Xi Fraternity member ; *Knows* : English, Kannada, Sanskrit and Hindi ; *Visited* : Univ. of Connecticut, U.S.A.; *Hobb* : Photography ; *Add* : Basaveshvar Engg. College, Bagalkot.

GANGOPADHAYAY, Amullya—*b* 10 September 1921 at Dacca; *Edn*: B.A. from Univ. of Calcutta; *Pub*: 'Triveni', 'Saptak', 'Kalakakali' 'Jagari', 'Saktidarpan', 'Katha-Lekha,' 'Arunava'; *Honours*: awardee of 'Sahitya-Vinod', 'Kavya-Sudhakar'; *Mem*: P.E.N., Anti-Tuberculosis Association of Bengal, St. John. Ambulance, National Library (Calcutta), West Bengal Writers Co-operative Society Ltd., British Council (Library), President of Aloketirtha Sansad; *Genl*: A lyricist and translator of repute ; *Knows*: Bengali, English, Sanskrit & Hindi; *Hobb*: Study, music, journalism, social service etc.; *Add*: 4, D.A. Chowdhury Road, P.O. Budge Budge, 24 Parganas.

GANGULI, Debkumar—Asstt. Prof. of Geophysics, I.I.T., Kharagpur since December 1959; *b* 23 October 1923 at Burdwan ; *Edn*: M. Sc. (Physics) in 1946 from Dacca Univ., M.S. in 1955 from St. Louis Univ., U.S.A.; *Resch Exp*: Since 1946, with special reference to seismic prospecting method in geophysics, guiding research students ; *Pub*: Books on 'Theory of Seismic prospecting Instruments' in two editions besides 10 papers ; *Exp*: S. N. College, Calcutta 3 years ; Geophysical Service International Corpn , Canada 1955-56; for past 17 years at I.I.T., Kharagpur; *Mem*: Society of Exploration Geophysicists (U.S.A.), Indian Geophysical Union; *Knows*: Hindi, English, Bengali and French; *Visited*: U.S.A. 1953-55, Canada 1955-56; *Hobb*: Reading, cross-words etc.; *Add*: Dept. of Geophysics, I.I.T., Kharagpur.

GANGULY, (Prof.) Bireshwar—Reader in Economics, Patna Univ. since March 1966; *b* 8 April 1922 at Ranchi; *Edn :* M.A. (Econ) in 1946 from Patna College; *Resch Exp:* Working for D. Litt., thesis on 'Break-even Analysis of Public Enterprise Productive Efficiency'; Asstt. Director of A. N. Sinha Institute of Social Studies, Patna and guided empirical research projects on economic problems; *Pub:* Several articles included as chapters in other books, the chapters are— 'A Glimpse of Federal Finance in Free India', 'The definition and nature of Economic Science', 'Mobilisation of State Resources', 'The Emerging leadership pattern and planning'; *Exp:* Rajendra College, Chapra; Bihar National College, Patna; Ranchi College, Ranchi; A. N. Sinha Institute of Social Studies, Patna; Bihar Examination Research Bureau, Patna; *Mem:* Formerly of Indian Commerce Association, Executive Cttee of Indian Commerce Association, American Pol. Sc. Association; member of Indian Economic Association, Psychosynthesis Research Foundation (U.S.A.) ; *Knows:* English, Bengali, Hindi & Sanskrit; *Visited:* Nepal and E. Pakistan ; *Hobb:* Homeopathy, photography and travelling; *Add:* 57, Circular Road, Ranchi-1.

GANGULY, (Dr) Debi Sankar—Head, Commerce Dept., Burdwan Univ., Burdwan since August 1964; *b* 31 March 1919 at Dacca; *Edn:* M.A. (Com) in 1949, LL. B. in 1950, D. Phil. (Public Corporations in National Economy) in 1961 from Calcutta Univ.; *Resch Exp:* For about 15 years, guiding research students; *Pub:* Book on D. Phil. thesis & 'Commercial Arithmetic' besides numerous papers on public enterprises, industrial finance, marketing, taxation and housing finance in different journals; *Honours:* Mahendra Nath Ray Gold Medal in D. Phil.; *Exp:* Goenka College of Commerce & Business Administration, Calcutta 1953-54; Krishnagar College, Nadia 1952-53; Surendranath College of Commerce, Calcutta 1950-51; Income Tax Officer, Govt. of India at Calcutta 1954-64; *Mem:* Academic Council, Standing Cttee of Academic Council and other bodies of Burdwan Univ.; *Visited:* Paris, France in 1965 to participate in International Seminar on Public Enterprises; *Knows:* English, French, Hindi & Bengali; *Add:* 156/4, Diamond Harbour Road, Calcutta-60.

GANGULY, (Dr) Sarat Chandra—Head, Dept. of Maths., Hooghly Mohsin College, Chinsurah since 1966; *b* 1 February 1923 at Ilahipur in W. Bengal; *Edn:* M. Sc. (App. Math.) in 1944 from Univ. College of Science, Calcutta; D. Phil. in 1959; *Resch Exp*: For 16 years; *Pub:* Nine papers; *Exp*: Scottish Church College, Calcutta 1946-49; Bengal Engg. College, Sibpur 1949-66; Victoria College, Cooch Behar 1966 67; Calcutta Univ. 1963-66; *Mem:* Calcutta Mathematical Society; *Knows:* English, Bengali & Russian; *Hobb:* Cards, table tennis; *Add:* Hooghly Mohsin College, Chinsurah, W. Bengal.

GARG, Bhanwar Lal—Dept. of Pol. Sc., BHU Since 1952; *b* 3 July 1926 at Chhoti Sadri in Dist. Chittoor ; *Edn* : M.A. in 1951 from BHU ; *Resch Exp* : Guiding Ph.D. students ; *Pub* : Books on 'Paschatya Rajneetik Vicharon ka Itihas : Luther se Bentham tak', 'Bharat ka Samvidhan' besides several articles ; *Exp* : Since 1951 at BHU ; *Mem* : Founder President of Shri Hindi Sahitya Parishad (Ujjain), founder member of Society for Study of State Govts., life member of All India Political Science Association and member of its Executive since 1967 ; *Knows* : Hindi, Gujarati, Marathi, Nepali & English ; *Hobb* : Reading and writing ; *Genl* : Paper on subjects like Bharat ki Videshi Neeti, Separation of Judiciary, Regionalism in International Affairs, Gandhiji in Indian Politics, People's Rights, India's foreign policy and its reappraisal ; *Add* : Dept. of Pol. Sc., BHU, Varanasi.

GARG, (Dr) Jagdish Saran—Principal, Govt. Agriculture School, Gorakhpur since 1964 ; *b* 15 September 1921 at Meerut ; *Edn :* M.Sc. (Agronomy) in 1950, M.A. (Econ) in 1949, Ph.D. (Soil Conservation) in 1956 from Govt. Agriculture College, Kanpur ; *Resch Exp* : For 12 years ; *Pub* : Books on 'Agriculture Extension', 'Krishi Prasar , 'Agriculture Engg.', 'Krishi Engineering' besides abou 50 research papers ; *Exp* : Govt. Agricultural College, Kanpur 1943-64 ; *Mem* : Indian Society of Agricultural Economics ; *Genl* : Farming and growing high yielding varieties ; *Knows :* Hindi & English ; *Hobb* : Extension of agricultural programme ; *Add* : c/o Baboo Banwari Lal Gupta, Mata Mohalla, Meerut.

GAUR, Ved Prakash—Dept. of Pol. Science, B.I.T.S., Pilani since 1958 ; *b* 1 December 1929 at Meerut ; *Edn* : M.A. (Pol. Sc.) in 1951, LL.B. in 1952 from Univ. of Allahabad ; *Resch Exp* : working on the philosophy of Mahatma Gandhi for last a few years; *Pub* : Several articles in Dailies and journals ; *Exp* : Birla College of Engg., Pilani, 6 years ; *Mem* : connected with several educational organisations ; *Knows* : English, Hindi, German & French ; *Hobb* : Reading & playing tennis ; *Add* : 218, Vidya Vihar, Pilani.

GEORGE, K.—Headmaster, St. Peter's High School, Perumpanachy in Kerala since 1952 ; *b* 30 October 1930 at Kurumpanadom in Dist. Kottayam ; *Edn* : B.Sc. (Biology) in 1956 ; B.T. from St. Peter's High School, Kurumpanadom ; *Pub* : 'Science-Yesterday & Today', 'Atomic Energy', 'Man and heredity', 'Education—some reflections' etc.; *Exp* : S.H. College, Thevara, Ernakulam 1951-52 ; *Mem* : Private Secondary Schools Teachers Association ; *Knows* : English & Malyalam ; *Add* : St. Peter's High School, Perumpanachy, Kerala.

GEORGE, (Dr) Kuruvilla—Head, Dept. of Botany, Univ. of Kerala, Calicut since June 1963; *b* 27 December 1925 at Mepral in Dist. Alleppey; *Edn* : M.Sc. in 1952 from Allahabad Univ., Ph.D. in 1956 from Calcutta Univ. ; *Resch Exp* : For 14 years in Plant Growth Substances and selective weed control , Forest plant ecology and vegetation Cartography ; *Pub* : 12 research papers ; *Exp* : Kerala Univ.; Allahabad Agrl. Institute, Allahabad ; Soil Conservation Training & Research Centre, Nepal ; Catholicate College, Pathanamthitta ; Dharmaduta College, Ceylon ; *Mem* : Indian Public Health Association, Executive Cttee of Kerala Sasthra Sahitya Parishad ; *Knows* : English, Malayalam & Hindi ; *Visited* : Ceylon, Sudan & Nepal for research ; *Add* : Navkunezha House, Angadical South, Chengannur P.O., Kerala.

GHAI, (Dr) Ved Kumari—Head, Dept. of Sanskrit, J & K Univ., since March 1963; *b* 16 November 1932 at Jammu Tawi; *Edn* : M.A. (Sanskrit) with first class first in 1952 from Panjab Univ., M.A. (Ancient Indian History) in 1957 first class second, Ph.D. in 1960 from BHU; *Resch Exp* : For 2 years at BHU on 'Nilamata Purana' and 1 year at Copenhagen; *Pub* : Book on 'A literary and cultural study of the Nilamata' besides several papers on female education in ancient India, Women in the Nilamata; Upanayana of girls in ancient India; *Exp* : For 15 years teaching experience at Govt. College for Women, Jammu & Govt. College for Women, Srinagar; *Mem* : President of Sanskrit Sahitya Sammelan (Jammu Province), Sanskrit Vishwa Parishad (Jammu Province), Dogri Research Institute; Member, Central Working Cttee of All India Sanskrit Sahitya Sammelan, Working Cttee of Bhartiya Vidya Bhawan (J&K); *Visited*: Denmark, U.K., Scotland, Sweden & Italy; *Knows*: Hindi, Panjabi, Sanskrit, Dogri, English, Danish & German; *Add*: 173, Raghunathpura, Jammu Tawi.

GHAROTE, Manohar Laxman—Principal, G.S. College of Yoga and Cultural Synthesis, Lonavla since April 1967; *b* 21 May 1931 at Chanda; *Edn*: D.P.E.D. in 1959 with first class first from Training Institute for Physical Education, Kandivali; M.Ed. (Physical Education) in 1966 from Govt. College of Physical Education, Patiala; *Resch Exp* : For 5 years in Yogic research; *Pub* : Five research papers and monograms on various yogic subjects; *Exp* : G.S. College of Yoga & Cultural Synthesis; *Mem* : Indian Association of Teachers in Health, Physical Education & Recreation; *Knows* : Marathi, Hindi, English, Gujrati, Sanskrit & German; *Hobb* : Gardening, collection of rare books and manuscripts on yoga; *Add*: c/o Kaivalyadhama, Lonavla, Dist. Poona.

GHARURE, Vishwanath Ganesh—Head, Dept. of Surgery, Medical College & Hospital, Nagpur since 1962; *b* 7 July 1926 at Indore; *Edn* : M.B.B.S. in 1951, M.S. in 1957 from Medical College & Hospital, Nagpur; *Resch Exp* : For 10 years; *Pub* : About 10 research papers; *Honours*: U.S.A.I.D. visiting scholarship 1963-64; *Exp*: Medical College & Hospital; Billing's Hospital, Univ. of Chicago; *Mem* : Association of Surgeons of India, Indian Medical Association, Academy of Medical Sciences (*Nagpur*), Board of Studies & Faculty of Medicine of Nagpur Univ.; *Knows*: English, Marathi & Hindi; *Visitied* : U.S.A.; *Add* : Medical College & Hospital, Nagpur.

GHATAK, (Dr.) Ajoy Kumar—Asstt. Prof. of Physics, I.I.T., New Delhi since May 1966; *b* 9 November 1939 at Lucknow; *Edn :* M.Sc. (Physics) in 1959, second in Univ. of Delhi; Ph. D. (Nuclear Engg.) in 1963, obtaining 98% marks, from the Cornell Univ., U.S.A.; *Resch Exp :* For past 10 years in Reactor Physics, Neutron Thermalisation and Plasma Physics; *Pub :* About 30 research papers, articles in Indian and foreign journals; *Honours:* Elected to Phi Kappa Phi Society in 1963, U.S.A. ; *Exp:* Research Asstt., Cornell Univ., 1960-62; Staff Associate, General Atomic, San Diego., U.S.A. 1962; Cornell Fellow, Cornell Univ. 1962-63; Post-doctorate Research Fellow, Brookhaven National Laboratory, U.S.A 1963-64; Pool Officer, Delhi Univ. 1964-66; *Visited :* U.S.A. 1960-64 for research in various institution; *Add:* Dept. of Physics, I.I.T., New Delhi-29 or D-42 Hauzkhas, New Delhi-16.

GHOSE, (Mrs.) Ila—Principal, Women's Polytechnic, Calcutta-14 since March 1964; *b* 23 September 1930 at Madaripur in E. Bengal; *Edn :* B.E. (Mech. Engg.) in 1951 from B.E. College, Howrah; *Pub :* Books on 'Applied Mechanics through worked Examples', 'Hydraulics with worked Examples' etc.,; *Exp :* Foreman, Ordnance Factory, Dehra-Dun 1954; Lecturer, Delhi Polytechnic 1954 56 and Senior Lecturer 1956-60; Institute of Jute Technology, Calcutta 1960-64; *Mem :* A.M.I.E. (India), A.M. (Treasurer & Librarian)—Institution of Industrial Engineers, Member & Treasurer of Business & Professional Women's Club of West Bengal, Association of Principals of Technical Institutions (India) ; *Knows :* Bengali, Hindi & English; *Visited* : U.K. 1951-53 and 1967; *Add* : Women's Polytechnic, 21, Convent Road, Calcutta-14.

GHOSE, Santidev—Principal, Sangeet Bhavana, Visva Bharati since 1965; *b* 7 May 1910 at Chandpur in E. Pakistan; *Edn*: Received training in Rabindra Music, Rabindra Drama and Dance under the direct guidance of Gurudeva Rabindranath and the late Dhinendranath Tagore at Visva Bharati; *Resch Exp* : Supervisor & Examiner of D. Phil. (Arts) degrees for Calcutta and Jadavpur Universities ; *Pub* : 'Rabinsra-Sangit', 'Java O Balir Nritya Git', 'Rupakar Nandalal', 'Bharatiya Gramin Sanskriti', 'Gramin Nritya O Nattya' ; *Exp :* Joined Visva Bharati in 1930; Head, Dept. of Rabindra Music & Dance 1955-65; *Mem* : Sangit Natak Akademi (New Delhi), Sahitya Akademi (New Delhi), State Akademi of Music, Dance and Drama (Calcutta); President of Music Section of Assam Sahitya Sammelan, Digboi in 1964; presided at other Music sammelans also; *Genl* : Special interest in classical dances of India, folk dances of Bengal etc.; *Visited* : Ceylon in 1937-38, Burma in 1938, Indonesia in 1939, E. Pakistan in 1966, U.S.S.R. in 1963 to study their dance and drama; *Add :* Sangeet Bhavana, Visva Bharati, Santiniketan, W. Bengal.

GHOSE, (Dr) Subhas Chandra—Principal, Ramakrishna Mission Shilpamandira, P. O. Bellur Math, Dist. Howrah since April 1965; *b* 4 October 1922 at Calcutta; *Edn :* M.Sc. (App. Physics) in 1944 & D. Phil. in 1963 from Univ. College of Technology, Calcutta-9; *Resch Exp* : On 'Design of a Wattless test circuit for meters and relays'; *Pub*: a Text Book of Elementary Electrical Technology besides numerous papers; *Exp :* M/s Greaves Cotton and Crompton Parkinson Ltd., Calcutta 1946-54; Head, Elect. Engg. Dept. in Ramakrishna Mission Shilpamandira 1956-65; *Mem* : A.M.I.E. (India); *Knows* : Bengali, Hindi, Sanskrit, English and Russian; *Hobb* : Tourism and mathematics; *Add* : Ramakrishna Mission Shilpamandira, P.O. Bellur Math, Dist. Howrah.

GHOSE, (Prof.) Subodh Kumar—Director, Irrigation and Rain Research Institute, Patna-4 since January 1968; *b* 6 January 1906 at Rampurhat in Dist. Burdwan; *Edn* : B.C.E. in 1928 from Bihar College of Engg.; *Resch Exp :* For past 40 years; *Pub*: About 10 articles; *Honours* : Awarded first prize on 'Road Planning in India'; *Exp* : Bihar College of Engg., Patna; Bhagalpur College of Engg., Bhagalpur; Rural Engg. Institute, Bichpuri, Agra; *Mem* : Institution of Engineers (India), Indian Roads Congress, International Association of Bridge & Structural Engg., Indian National Society of Soil Mechanics & Foundation Engg., Indian Soil Conservation Society, Rotary Club of Bhagalpur, Indo-Japanese Cultural Society, Indo-American Cultural Society; *Genl*: Represented the Institution of Engineers (India) and Patna Univ. at international conferences; *Knows* : Hindi, Bengali, English, Oriya, French & German; *Visited* : Ceylon 1956, Australia 1961, U.K. 1967, Israel 1968; *Hobb* : Photography, philately, numismatics and cycling; *Add*: Irrigation & Rain Research Institute, Bhiknapahari, Patna-4.

GHOSH, Arun—Principal, Govt. Polytechnic, Khamgaon since July 1961 ; *b* 1 November 1921 at Calcutta ; *Edn :* B.Sc. (Engg) in 1946 from College of Engg., Banaras ; *Exp :* Burn & Co. (Iron & Steel Works) Howrah ; Asstt. Prof., Govt. Polytechnic, Nagpur ; Lecturer, Govt. Engg. College, Nagpur till 1958 ; Prof. & Head of Dept. of Mech. Engg., Lukhdhirjee Engg. College, Morvi ; Prof. & Head, Dept. of College of Engg., Poona ; Prof. & Head, College of Engg., Aurangabad; Founder Principal of Govt. Polytechnic, Khamgaon in 1961 ; *Mem :* A.M.I.E. (India), Rotary Club of Khamgaon (President 1968-69), Gymkhana Club, Khamgaon ; *Knows :* English, Bengali, Hindi, Marathi & Gujarati ; *Add :* Govt. Polytechnic, Khamgaon, M.S.

GHOSH, (Dr.) Bimalendu—Head, Dept. of Chemical Engg. & Techy., Panjab Univ., Chandigarh since 1960 ; *b* 1 July 1925 at Calcutta ; *Edn :* M.Sc. (App Chem) in 1946 with first class first winning Univ. Gold Medal from Calcutta Univ., M.S. in 1949, D. Sc. (Chem. Engg) in 1951 from Carnegie Institute of Techy., Pittsburgh, U.S.A. ; *Resch Exp :* Over 20 years ; *Pub :* About 25 research papers in Indian and foreign journals ; *Exp :* Jadavpur Univ., U.S. Bureau of Mines 1948-49, Consultant to various industries ; *Mem* : Indian Institute of Chemical Engineers ; *Visited :* U.S.A., Canada, U.K , continental countries for study and research ; *Knows :* English, French & German ; *Add :* Dept. of Chem. Engg. & Techy., Panjab Univ., Chandigarh.

GHOSH, Chandra Sekhar—Prof. & Head, Elect. Engg. Dept., Univ. of Roorkee since April 1958 ; *b* 17 August 1908 at Chandpur in Dist. Tipperah ; *Edn :* M.Sc. (App. Physics) in 1930 with Univ. Silver Medal & Motilal Mallik Gold Medal from Calcutta Univ., S.M. (Elect. Engg.) in 1946 from Massachusetts Institute of Technology, U.S.A. ; Certificate in Power System Engg. in 1956 from General Elect. Co., Schenectady ; *Resch Exp :* Sir R.B. Ghose Research Scholar 1931-34; for past 30 years engaged in variety of research projects ; *Pub :* More than 30 papers on Molecular Spectra, Physical properties of oils, electric circuits etc. ; *Honours :* Calcutta Univ. Silver Jubilee Research Prize and Gold Medals; *Exp :* Calcutta Univ., Indian Institute of Science, Roorkee Univ., Tennessey Valley Authority (U.S.A.), Ontario Hydroelectric Power Commission, Canada ; General Elect. Co., U.S.A ; acted as Vice-Chancellor in mid 1966 ; *Mem :* Fellow, National Institute of Sciences of India, Institution of Electrical Engineers (London), American Institute of Elect. & Electronics Engineers ; Sectional President and Genl. Secy. of Indian Science Congress ; Chairman, High Voltage Techniques Cttee of Indian Standards Institution ; member of Several Univ. bodies ; *Visited :* U.S.A. ; *Knows :* Bengali, English & Hindi ; *Add :* c/o Mr. H.S. Ghosh, 20-B, Hazra Road, Calcutta-26.

GHOSH, (Dr.) Jagat Jiban—Prof., Dept. of Biochemistry, Calcutta Univ. since January 1966 ; *b* 19 June 1925 at South Baraset, near Calcutta ; *Edn :* M.Sc. in 1947, D. Phil. in 1950 & D.Sc. in 1965 ; *Resch Exp :* In the field of Brain Biochemistry, Metabolic & Enzyme Biochemistry, Drug Action on Brain ; *Pub :* More than 60 papers ; *Exp :* Post-doctorate Research Experience in different laboratories in U.S.A. and Canada ; For past 11 years teaching in Biochemistry Dept. of Calcutta Univ.; *Mem :* International Brain Research Organisation (UNESCO), International Society of Neurochemistry (U.K.), Advancement of Science (U.S.A.) ; *Genl :* Centenary Prof. in Biochemistry; *Visited:* Canada & U.S.A.; *Add:* P-10, Grey Street Extension, Calcutta-4.

GHOSH, Nikhil Jyoti—Founder Principal of Arun Sangeetalaya, Prashant, Bombay-52 ; *b* 1 January 1920 at Belur, Howrah ; *Edn :* F.Sc. from Calcutta College, Calcutta ; learned his early lessons in Music from shri Bipin Chatterjee, Shri Jnan Prakash Ghosh, Ustad Feroz Nizami, Ustad Ameer Husain Khan ; mastered four Gharanas of Farrukhabad, Delhi, Ajrada and Lucknow ; now receiving training from Shri Ustad Ahmedjan Thirkwa ; *Resch Exp :* Developed a new system of notation for Indian music in English, compiled an Encyclopaedia of Hindustani Music in English, Children's education in music; *Pub :* 'Fundamentals of Raag and Taal with a new system of Notation' ; *Exp :* Teaching vocal & instrumental music for past 18 years,

founded Arun Sangeetalaya 15 years back ; number of pupils from Europe learning Tabla personally and through correspondence ; *Mem :* Board of Examiners, M.S. Univ. of Baroda ; Academic Council, Univ. of Bombay ; All India Radio (Bombay), Bombay Univ. Club, Junior Chamber of Commerce etc.; *Genl :* soloist and accompanist ; has accompanied Ustad Allauddin Khan, Ustad Fayazkhan, Khalifa Mohd. Dabir Khan, Pandit Onkarnath Thakur, Ustad Bade Gulamali Khan, Ustad Amir Khan, Shmt. Siddheswari Devi, Shmt. Rasoolanbai, Ustad Ali Akbar Khan, Ustad Vilayat Khan, Pandit Ravishanker etc.; his compositions and songs sung by almost noted singers ; judge on several contests ; *Knows :* English, Bengali, Hindi, Marathi & Gujrati ; *Visited :* All European countries for public performances ; *Hobb :* Gardening and cooking ; *Add :* Arun Sangeetalaya, Prashant, Plot No. 716, 12th Road, Khar, Bombay-52 (AS).

GHOSH, (Dr) Satyendra N.—Head, Dept. of App. Physics, Allahabad Univ. since 1959 ; *b* 1 February 1918 at Calcutta ; *Edn* : D Sc. in Physics from Calcutta Univ. ; *Resch Exp* : In the field of Space, Atomic Physics and Radio Wave Propagation through the atmosphere ; *Pub* : About 80 research papers in Indian and foreign journals ; *Honours* : Several prizes, medals, including Sampurnanand Prize of the National Academy of Sciences of India ; *Exp :* Calcutta Univ. 1950, Duke Univ. (U.S.A.) 1950-52, Harvard Univ. 1952-54, Wentworth Institute 1955-56 and 1961, Geophysical Institute 1957-58, Allahabad Univ. since 1956, Michigan Univ. 1966-; *Mem* : National Institute of Sciences of India, National Academy of Sciences of India, Treasurer and Foreign Secy. of the National Academy of Sciences of India ; *Knows* : Bengali & English ; *Visited :* U.K. 6 times, U.S.A 7 times, Japan, France, Canada; *Hobb* : Travel ; *Add* : Dept.; of App. Physics, Allahabad Univ., Allahabad.

GHOSHAL, (Dr) Satyendra Nath—Head, Dept. of Bengali, Patna Univ. since March 1959 ; *b* 25 November 1907 at Raipur; *Edn* : M A. (Maths) in 1935 with 2nd class first from Allahabad Univ., M.A. (Bengali) in 1939, D. Phil. (Bengali) in 1956 from Calcutta Univ.; *Resch Exp* : Over 15 years, guiding research scholars ; *Pub :* Books on 'Beginning of Secular Romance in Bengali Literature', 'Sati Mayna O Lor Chandrani', 'Padmavati' besides 15 research articles on various facets of Bengali language ; *Honours* : Recepient of grant from U.G.C. for higher studies ; *Exp* : Visva Bharti 1944-59 ; *Mem* : Asiatic Society, Indian Linguistic Society ; *Genl* : Writer of Bengali short stories, interested in English literature ; *Knows* : English, Bengali, Hindi, Sanskrit & German ; *Add* : P-55, B Block, Bangur Avenue, Calcutta-55.

GHOSHAL, (Dr) Sourendra Nath—Principal, Co-operative Training Centre, Kalyani since January 1966; *b* 19 June 1929 at Calcutta; *Edn* : M. Com in 1950, M.A. (Econ) in 1952, Ph.D. (Banking) in 1962 from Meerut College, Meerut; *Resch Exp*: In the field of people's participation and impact of Community Development under the aegis of Govt. of Rajasthan; *Pub* : Books on 'Agricultural Financing', 'Economic Growth & Commercial Banking', 'Principles of Management' besides 50 papers ; *Honours* : Awarded Modi Gold Medal for standing first in B.Com. ; Exp : For over 16 years teaching Degree and P.G. classes in several Colleges ; *Mem* : Indian Economic Association (Bombay), Indian Commerce Association (Varanasi) ; *Knows* : Bengali, Hindi & English ; *Hobb* : Gardening ; *Add* : Co-operative Training Centre, Kalyani, W.B.

GHUGARIA, Madan Lal—Principal, K. G. S. Law College, Agar since 1967; *b* 20 January 1921 at Agar in Dist. Shajapur ; *Edn*: M.A. LL.B. (Economics & Law) in 1944 from Lucknow Univ. ; *Pub* : Several articles in various papers ; *Exp* : appointed as Asstt. Finance Officer of Gwalior State in 1944 but under the Gandhian influence did not take it up ; carrying on private legal practice since 1944 ; started his own independent Bal Mandir to fight illiteracy in his area and later initiated a Mahila Mandal through which his wife has made several hundreds women of the area able to earn their livelihood ; in August 1967, by his personal donation of over 40,000/- this K.G.S. Law College has been established and is acting as its head since then; *Mem* : Senate of Univ. ; *Genl* : The family is strong follower of Gandhiji ; a Ghugaria Satsang Sadan has been established with their contribution of Rs. 21,000/- to promote religious and cultural activities ; *Knows* : Hindi & English ; *Hobb* : Reading and writing ; *Add* : Shri Madan Lal Ghugaria, Agar, M.P.

GILL, (Dr) Bhagat Singh—Lecturer in Botany, Panjabi Univ., Patiala since July 1967; *b* 13 November 1936 at Biwar in Dist. Balaghat; *Edn:* M. Sc., Ph. D. from Panjab Univ.; *Resch Exp*: For 8 years in the field of 'Cytology of Indian Compositae', 'mode of re-production in some unbalanced polyploids of Compositae', 'Cytomorphological characteristics of the Himalayan timbers; *Pub:* A few research papers; *Exp:* Started with Dept. of Botany, Panjabi Univ. in 1967; *Knows:* English, German, Hindi, Urdu & Panjabi; *Hobb:* Photography; *Add:* V. & P. O., Badi Jhallian, Dist. Rupar, Panjab.

GILL, (Dr) Piara Singh—Director, Central Scientific Instruments Organisation, Chandigarh since 1963: *b* 28 October 1911 at Vill. Chela in Dist. Hoshiarpur; *Edn:* A.B. in 1935 & M.S. in 1936 from Univ. of Southern California; Ph. D. (Physics) in 1940 from Univ. of Chicago, U.S.A.; *Resch Exp:* For past about 30 years in various fields; *Pub:* About 60 papers in scientific journals of India and abroad; *Honours:* Established the high altitude laboratory of Gulmarg Research Observatory and is its Director since its inception; *Exp:* Forman Christian College, Lahore 1940-47; Tata Institute for Fundamental Research 1947-48; Aligarh Muslim Univ., Prof. & Head of Dept. of Physics and Dean, Faculty of Science 1949-63; *Mem*: Has been President of the Physics Section of the Indian Science Congress; President of the National Academy of Sciences of India; President of the Indian Physical Society; Foreign Secy. of the National Institute of Sciences of India; Secretary (Out-Station) of the Indian Science Congress; Fellow of National Institute of Sciences of India, National Academy of Sciences of India, Indian Physical Society, American Physical Society; *Knows:* English, Panjabi, Urdu, French & German; *Visited:* U.S.A., U.S.S.R. & South East Asian countries as visiting scientist; *Hobb:* Reading; *Genl:* Hony. Prof. of Physics at Panjab & J & K Universities; Hony. Scientific Advisor to the Govt. of Panjab; Member of the Panel of Consultants to Director-General of UNESCO in Technological Sciences & Applied Research; *Add:* Vill. Chela, Dist. Hoshiarpur.

GIRI, (Dr) Narayan Chandra—Assoct. Prof., I.I.T., Kanpur since 1965; *b* 1 May 1928 at Bishnupur in W. Bengal; *Edn:* M. Sc. (Statistics) in 1953 from Calcutta Univ., Ph. D. in 1961 from Stanford Univ.; *Resch Exp:* For 8 years in various institutions; *Pub:* About 20 research papers; *Exp:* Indian Council of Agricultural Research, New Delhi, 2½ years; Univ. of Oregon, U.S.A., 1 year; Stanford Univ., California. 2 years; Univ. of Arizona, 1 year; Cornell Univ., 2 years; Univ. of Montreal, 1 year; *Mem:* Institute of Mathematical Statistics (U.S.A.), American Mathematical Society (U.S.A.); *Knows:* Bengali, French, English & German; *Visited:* U.S.A. 1958-64; Canada 1964-65; *Add:* I.I.T., Kanpur.

GODBOLE, Krishnaji Balvant—Head, Dept. of English, Dr. Babasaheb Ambedkar College of Arts, Science & Commerce, Mahad, Dist. Kolaba since 1965;*b* 26 October 1911 at Shevgaon in Dist. Ahmednagar; *Edn:* M A. (English) in 1937 from Nourosjee Wadia College. Poona; LL. B. in 1938 from Law College, Poona; *Resch Exp:* Working for Ph. D. on thesis 'As civilisation advances, poetry declines'; *Honours:* Delivered a series of 11 lectures under the U.G.C. Scheme at the J. S. M. College, Alibag; *Exp:* N. Wadia College, Poona; S. P. College, Poona; Sayajirao Gaikwad College, Malegaon; Dr. Ambedkar College, Aurangabad; Dharmendra College, Rajkot; *Genl:* Practised law at the Poona Bar for 10 years, worked with M/s. Tom & Bay Pvt. Ltd.; *Knows:* English, Marathi, Hindi & Gujrati; *Add:* Radhabai Karwa Bldg., Mahad.

GODBOLE, (Dr.) Padmabhushan N. N.—Hony. Prof. of Industrial Chemistry, M.A.C.S., Poona since 1961; *b* aged about 81 years; *Edn:* M.A. (Chem) in 1910 from Bombay Univ., D Phil in 1925 from Berlin Univ., Germany: *Resch Exp*: For past 50 years; *Pub:* Books on 'Rig vedic Sarswati', 'Mystery of the Artesian Wells in Neyveli', besides on subjects like Milk, butter, fat, adulteration of butter fat, soaps, cosmetics, essential oils, candle manufacture, origin of salt in Sambar lake etc.; besides numerous research papers; *Honours:* Cash award from the Invention Promotion Board for his invention of Home Pasteurizer; *Exp:* Teaching since 1911; *Mem:* President, Vignan Parishad, Poona; *Knows:* English, German, Hindi, Marathi, Japanese, Kanerese & Gujrati; *Visited:* Germany 1923-25; Japan 1917-18 and 1937; *Add:* Udyog, Purandare Colony, Poona-2.

GODWIN, Clement James—Lecturer in Anthropology, Sophia College, Bombay; *b* 3 February 1929 at Queensland in Australia; *Edn:* M.A. (Anth) in 1959 from Catholic Univ. of America, U.S.A.; B. Ed. from St. Xavier's Institute of Education, Bombay; *Pub:* 'Cultural Relativism and Sex Ethics', 'Evolution and the Christian', 'Marginal Personalities and Minority Christian Communities in Bombay, etc.; *Exp:* St. Theresa's High School, Bandra, Bombay; working for Ph. D. in the Sociology Dept. of Bombay Univ.; *Mem:* Anthropological Society of Bombay. Indian Sociological Society, Ethnographic and Folk Culture Society (U.P.) ; *Visited:* U.S.A. & Australia; *Hobb :* Marriage counselling ; *Add:* Sophia College, Bandra, Bombay.

GOEL, Anand Prakash—Lecturer in Structural Engg., Univ. of Roorkee, Roorkee since November 1963; *b* 15 October 1940 at Gurki Mandi, Agra; *Edn:* P.G. Diploma in 1963 from Univ. of Roorkee; *Resch Exp:* For 2 years; *Exp:* Since 1963 at Roorkee Univ.; *Knows:* Hindi & English; *Hobb:* Photography and novel-reading; *Add:* Naraindeo Street, Sikandrabad, U.P.

GOEL, Desh Bandhu—Lecturer in Metallurgy, Roorkee Univ. since 1965; *b* 8 July 1943 at Muzaffarnagar; *Edn*: B.E. in 1963 winning National Scholarship from Indian Institute of Science, Bangalore; M. Sc. (Met. Engg.) in 1965 from BHU; *Resch Exp*: For 3 years; *Pub:* One book on 'Foundry Technology' ; *Exp*: Since 1965 teaching in Dept. of Metallurgy, Roorkee Univ.; *Mem:* Institution of Metals, London; *Knows:* English, Hindi & German; *Add:* Dept. of Metallurgy, Roorkee Univ., Roorkee.

GOEL, (Dr) Dharmendra—Lecturer, Dept. of Philosophy, Punjab Univ., Chandigarh since December 1959; *b* 19 May 1934 at Vill. Sardhana in Dist. Meerut; *Edn:* M. A. (Phil) in 1954 & D. Phil. in 1957 from Allahabad Univ. ; *Pub:* Book on 'Philosophy of History' besides 20 research papers in various journals; *Exp*: Allahabad Univ. 1955-59; Visvabharati, Santiniketan 1959; *Mem*: Akhil Bhartiya Darshan Parishad; *Knows:* Hindi & English; *Hobb*: Writing and social work; *Add*: Dept. of Philosophy, Univ. of Punjab, Chandigarh.

GOEL, (Dr) Indu Bhushan—Prof. & Head, Dept. of Ophthalmology, Medical College, Indore since November 1967; *b* 30 June 1919 at Meerut; *Edn:* M.B.B.S. in1944 & M.S. in 1946 from Univ. of Lucknow; D.O.M.S. in 1950 from Royal College of Surgeons & Physicians, U.K.; *Resch Exp*: For 6 years; *Pub:* Four articles and one as a Chapter on Lens in Govt. of India text book on ophthalmology; *Exp:* K. G. M. College, Lucknow 1946-47; G. R. M. College, Gwalior 1951-54; Civil Hospital, Ujjain 1954-57; Reader, Medical College, Jabalpur 1957-1960; Head, Opthalmology, Medical College, Jabalpur 1960-67; *Mem*: All India Ophthalmological Society (1952); *Knows* English & Hindi; *Visited:* U.K., Scotland, Switzerland 1948-50 for research; Austria & Italy in 1958 to visit Eye clinics; *Hobb*: Photography ; *Add* : 6, Residency Road, Indore.

GOEL, (Dr) Mahendra Kumar—Reader in Orthopaedic Surgery, K. G.'s Medical College, Lucknow; *b* 26 June 1924 at Meerut; *Edn*: M.B.B.S. in 1947, M.S. in 1952 & M.S. (Orthopaedia Surgery) in 1954 from K. G. Medical College, Lucknow; F.I.C.S. in 1968; *Pub*: 10 research papers in Indian and foreign medical journals; *Exp*: Since 1951 at K.G. Medical College, Lucknow; *Mem*: Fellow of the American College of Surgeons; Member of the British Orthopaedic Association, Pan Pacific Association of Surgeons, Association of Surgeons of India, Orthopaedia Section of the Association of Surgeons of India, Indian Medical Assoc ation, Association for the Advancement of Medical Education, Society for the Rehabilitation in Asia; *Knows:* Hindi & English; *Visited*: Various orthopaedic centres in Japan, U.S.A., Canada, U.K., Switzerland, Germany, France, Italy, Singapore & Hong Kong; *Hobb:* Gardening and photography; *Add*: Dept. of Orthopaedic Surgery, K. G. Medical College, Lucknow.

GOEL, Ram Krishna—Reader in Commercial Law, Univ. of Delhi ; *b* 12 May 1924 at Narela in Delhi ; *Edn*: B.C.L. in 1950, first in Univ.; LL. M in 1952, first in Univ. of Delhi; LL. M. in 1958, with distinction from Univ. of Michigan, U.S.A.; *Resch Exp*: In the field of Corporation Law, Company Law; *Pub*: Books on 'Corporate Management', 'Doctrine of Frustration of Contracts with special reference to Indian Law' besides many research papers published or read at Seminars; *Honours:* Fulbright Scholar, recepient of grant from U.S. Educational Foundation ; *Exp :* Univ. of Lucknow, Univ. of Delhi, delivered lectures at the Institute of Chartered Accountants (New Delhi) and Indian Law Institute (New Delhi) 1965-66; *Mem*: Secy. of Delhi Fulbright Alumi Association; Member of Indian Law Institute, All India Law Teachers' Association, Delhi Univ. Teachers Association; *Knows*: English, Hindi, Sanskrit, Urdu; *Visited*: U.S.A. in 1957-59; U.K.; *Hobb*: Photography; *Add*: 39/15, Shakti Nagar, Delhi-7.

GOKAK, (Prof.) Vinayak Krishna—Vice Chancellor, Bangalore Univ., Bangalore since October 1966; *b* 10 August 1909 at Savanur in Dist. Dharwar; *Edn*: M.A. (English) in 1931 from Bombay Univ., B.A. in 1938 & M.A. (English) from Oxford Univ., U. K. ; D. Litt. (Hony) from Karnatak Univ. in 1967; *Resch Exp*: Guided 20 students for Ph. D.; *Pub*: Books on 'The Song of Life'. 'The Poetic Approach to Language', 'English in India', In Life's Temple', 'Samudra Geethegalu', Dyava Prithvi', 'Baladeguladhalli', 'Indilla Nale', 'Samarsave Jeevana' etc.; *Honours:* Sahitya Academy Award for his Kannada Poem 'Dyava Prithvi' 1960, Padma Shree 1960, Honorary D. Litt. by Karnatak Univ. 1967; *Exp*: Fergusson College, Poona 1931-36; Willingdon College, Sangli 1938-40; Osmania Univ. 1945-46; Principal, Willingdon College, Sangli 1940-44; M. N. College, Visnagar 1946-49; Raja Ram College, Kolhapur 1949-52; Karnatak College, Dharwar 1952-59; Director, Central Institute of English, Hyderabad 1959-66; *Mem*: Sahitya Akademi (New Delhi), Bhartiya Jnanpath (Calcutta), Southern Language Book Trust, Madras; *Knows*: English, Kannada, Marathi & Sanskrit; *Visited*: East Africa 1960, Japan 1956, Belgium 1960, U. K. 1962 to attend conferences; U.S.A. 1958; *Hobb*: Reading poetry; *Add*: Bangalore Univ., Bangalore.

GOMKALE, Vasant Dattatraya—Principal, Arts & Commerce College, Arvi since July 1963; *b* 31 October 1933 at Nagpur ; *Edn* : M.A. (Pub. Admn.) in 1956 & M.A. (Pol. Sc.) in 1960 with first class first from Nagpur Univ.; *Pub:* Book on Prathmik Nagarik Shastra; *Honours*: Dr. Sir Bipin Krishna Bose & Chancellor's Gold Medal in 1963; *Exp*: Rural Institute, Amraoti 1958-63; *Mem*: Indian Political Science Association, Court & Academic Council of Nagpur Univ.; *Knows*: English, Marathi & Hindi ; *Hobb*: Gardening, interior and exterior decoration; *Add*: Arts & Commerce College, Arvi.

GOPAL, (Dr) Lallanji—Head, Dept. of Ancient Indian History, Culture & Archaeology, BHU since 1966; *b* 15 June 1934 at Allahabad; *Edn*: M.A. in 1953 & D. Phil. in 1957 from Univ. of Allahabad; Ph. D. in 1962 from Univ. of London; *Resch Exp*: Govt. of India Humanities Research Scholar 1954-56; British Council Scholar 1960-61; *Pub*: Books on 'Economic Life of Northern India (700-1200 A.D.)', 'Coin types of Northern India in the early medieval period', 'Bharatiya Sanskriti', 'Chandragupta Mauriya', 'Samudra gupta', 'The Chronology of the Punch-marked coins', 'Sanskriti aur Sanskritiyan', 'Ham sab ek Hain', 'Hamari Biradari' besides more than 80 research papers; *Exp*: Univ. of Allahabad, 1956-63; Reader in BHU since 1963; *Mem*: Fellow of the Royal Asiatic Society; member of the Executive of the Numismatic Society of India; *Honours*: Chancellor's Medal for best graduate student; *Genl*: Awarded U.P. State Scholarship, Allahabad Univ. Jubilee Scholarship, Allahabad Univ. Merit Scholarship, Dr. Tara Chand History Gold Medal, Subba Rao best graduate Medal, Sankar Saran best post-graduate student Medal, U.P. Board Merit Scholarship etc.; *Visited*: School of Oriental & African Studies, London for advanced research; *Knows*: Hindi, English, Sanskrit & French; *Hobb*: Novel reading ; *Add*: 184/158, Shahrarabagh, Allahabad-3.

GOPALAN, (Dr.) Coluthur—Director, Nutrition Research Laboratories, Hyderabad since January 1961; *b* 29 November 1918 at Salem in Madras State; *Edn*: M. D. in 1945, Ph.D. (Nutrition) in 1949 from Human Nutrition Research Unit, U. K.; *Resch Exp*: For past 26 years; *Pub*: Over 120 Research papers; *Honours*: Recepient of Certificates of Honour, Prizes and Medals in several subjects, Nuffield Research Fellow ; *Mem:* Fellow of the National Institute of India, Indian Academy of Sciences, Indian Academy of Medical Sciences ; President, Nutrition Society of India ; *Visited*: Made extensive tours in U. S. A., U. K., Europe and Far-East for nutrition research; *Knows*: Tamil and English; *Add*: Nutrition Research Laboratories, Hyderabad-7.

GOPALAN, V. K.—Principal, Modern College, Karaikala since July 1967; *b* 5 August 1917 at Palloor in Dist. Mahe; *Edn* : M.Sc. (Chemistry) in 1954 from Annamalai Univ., *Exp*: Pachayappa's College, Madras; Annamalai Univ., Annamalainagar; Sri Narayana College, Quilon; R. D. M. College, Sinauga ; Tagore Arts College, Pondicherry; *Mem*: Ex-member of the Academic Council of Madras Univ.; *Knows*: English, Malayalam & Tamil; *Hobb*: Psychic and occult phenomena; *Add* : c/o Shri K. M. Krishnan Vydier, Palloor P. O., Via Mahe, S. India.

GOPALASWAMY, Kurma Venu—Principal, Jawahar Bharati, Kavali since June 1967; *b* 19 December 1903 at Rajahmundry; *Edn*: M.A. (History) in 1930 from Balliol College, Oxford, Bar-at-Law in 1932 from Inner Temple, London; *Resch Exp*: For about 5 years at Oxford (U. K.) & Cape-town (S. Africa) ; *Pub* Books on 'Limitations of Diarchy', 'A History of the Indians in S. Africa', 'Ibsen-A Centenary Estimate', 'Telugu Drama', 'Andhra Theatre', edited several books; *Exp:* Anglo American Univ. College, Madras; Andhra Univ. College of Law, Waltair; *Mem*: Senate, Academic Council, Syndicate, Faculty of Law (its President also), Board of Studies in Arts (its Chairman) of Andhra Univ , also member of Andhra Univ., and other university bodies; *Knows:* Telugu, English, French & Italian; *Visited:* France, Switzerland, America, Canada, Belgium, W. Germany, Italy, S. Africa, Egypt etc. for study of law; *Hobb*: Contract bridge; *Sports*. Played international Hockey in Jaipal Singh's teams against France and Belgium; *Add*: Jawahar Bharati, Kavali, A P.

GOPALKRISHNA, (Dr.) N.—Prof. & Head, Dept. of Chemical Engg., Regional Engg. College, Srinagar since 1964; *b* 5 July 1922 at Nidamarru in W. Godavari; *Edn*: M.Sc. (Tech) in 1944 from BHU, M.Ch.E. (Chem. Engg.) in 1948 from Polytechnic Institute of Brooklyn, U.S.A. ; Ph. D. in 1961 from I.I.T., Kharagpur; *Resch Exp*: In the field of liquid-liquid Extractions' and 'Fluidisation of Solids' ; *Pub*: 16 papers on fluid particle system; *Exp*: Production Engineer, M/s Kamani Engg. Corpn , Bombay 1944-45; Delhi Polytechnic 1948-62; Asstt. Prof., I. I. T., New Delhi 1962-64; *Mem*: Institution of Chemical Engineers (India) ; *Knows* : Telugu, Urdu, English & Hindi, *Visited*: U.S.A. 1946-48; *Genl*: Currently serving on deputation from I. I. T., New Delhi, *Add*: Dept. of Chem. Engg., Regional Engg. College, Srinagar, J&K.

GOPESWAR, Rajaguru—Asstt. Prof., Utkal Krishi Mahavidyalaya, Bhubaneswar since 1957; *b* 13 December 1928 at Parlakimedi in Dist. Ganjam; *Edn*: M.Sc. (Agri) in 1955 from BHU, M.S in 1966 from Univ. of Missouri, U.S.A.; *Resch Exp* : For over 5 years; *Pub* : Papers on 'Potato cultivation in India', 'Agriculture in Ancient India'; *Exp* : Senior Research Asstt. for 3 years; *Knows* : English, Oriya, Hindi & Telugu; *Visited* : U.S.A.; *Add* :Dept. of Agronomy, Utkal Krishi Mahavidyalaya, Bhubaneswar.

GORE, (Dr) Madhav Sadashiv—Director, Tata Institute of Social Sciences, Bombay-71 since 1962 ; *b* 15 August 1921 at Hubli, Dharwar; *Edn* . M.A. (Sociology) in 1948 from Bombay Univ., Ph.D. in 1961 from Columbia Univ., U.S.A., *Resch Exp* : Wide experience in sociology; *Pub*: Books on 'Social Work and Social Work Education', 'The Beggar Problems in Metropolitan Delhi', 'Problems of Rural Change, 'The Urban Family' etc.; *Exp* : Visiting Lecturer, Beloit College, Beloit, U.S.A. ; Lecturer, Delhi School of Social Work; Principal, Delhi School of Social Work; *Mem* : On several committees appointed by the Govt. such as Research Programmes Cttee, National Planning Council, National

Council of Educational Research & Training etc.; *Knows :* English, Hindi, Marathi & Kanada; *Visited :* U.S.A., U.K., Thailand, Hawaii ; *Hobb :* Reading, writing & photography; *Add :* Shivniketan, Hubli, Maharashtra.

GOREKAR, (Dr) Nizamuddin S.—Heras Institute of Indian History & Culture, St. Xavier's College, Bombay since 1944; *b* 12 August 1921 at Bhiwandi in Maharashtra; *Edn* : M.A. (Persian) in 1944, Ph.D. in 1966 from Univ. of Bombay; *Resch Exp :* Guiding research students in Urdu, Persian and Islamic culture; *Pub :* 'Nawa-e-waqt', 'Glimpses of Urdu Literature', 'Indo-Iran Cultural Contacts', editor of 'Urdu-Marathi Shabdkosh', 'Karvan-e-Adab' besides several articles; *Exp* : For past 25 years at St. Xaviers College, Bombay; *Mem* : President of the Islamic Studies Section of All India Oriental Conference, Varanasi in 1968; Head, Board of Studies, Member of Faculty of Arts and other academic bodies of Bombay, Poona, Shivaji, Marathawada, Nagpur, & Jabalpur Universities; Member of All India Oriental Conference, P.E.N., Iran Society, Maharashtra Itehas Sanshodhan Mandal, Anjuman-i-Islam; *Knows :* Urdu, Marathi, Hindi, English & Persian; *Add :* Bait-Ush-Sharaf, Bunder Road, Kalyan, Bombay.

GOROWARA, (Dr) (Miss) Krishna—Principal, Modern College for Women, New Delhi-3 since 1964; *Edn* : M.A. (English) in 1944 from Panjab Univ., Ph.D. in 1961 from Glasgow Univ.; *Pub :* 'The Treatment of the Heroine in English Drama from 1584-1921' besides numerous stories, plays and papers; *Exp* : Indraprastha College for Women, Delhi 1947-64; *Mem :* Academic Council, Courses Court of Delhi Univ.; *Knows* : English, Hindi. Panjabi, French & German; *Visited*: Europe, U.K. for research; *Hobb* : Gardening and dramatics; *Add* : Modern College for Women, New Delhi-3.

GOSAL, (Dr) Gurdev Singh—Head, Dept. of Geography, Panjab Univ., Chandigarh since September 1961; *b* 1 April 1927 at Vill. Goslan in Dist. Rupar; *Edn :* M.A. in 1949, first class first and record breaker, from Panjab Univ.; M.S. in 1954 & Ph.D. in 1956 from Univ. of Wisconsin, U.S.A.; *Resch Exp* : For about 18 years; *Pub :* About 20 research papers; *Exp :* Govt. College, Ludhiana; *Mem:* Indian Geographical Society, Indian Science Congress; President, Indian Council of Geographers 1966-67; *Genl* : Attended three overseas conferences; *Knows:* English, Hindi, Panjabi, Urdu, French & German; *Visited*: Malaysia, U.K., & U.S.A.; *Hobb*: Gardening; *Add*; Dept. of Geography, Panjab Univ., Chandigarh.

GOSAVI, Moreshwar Sadashiv—Principal, B.Y.K. (Sinnar) College of Commerce, Nasik City since June 1958; *b* 15 September 1935 at Satara; *Edn* : M.Com. with first class first in 1956 from B.M. College of Commerce, Poona; *Resch Exp* : Working for Ph.D., thesis on State and Labour'; also worked on 'A Socio-economic survey of Bidi industry in Sinnar' and 'A case study of industrial estates in Nasik & Sangli'; *Pub* : Books on 'Statistics', 'Accountancy', 'Vikraya-vyavasaya', 'Scientific Method' besides several articles; *Honours* : Throughout first class first, Shri Kirloskar Prizeman, Shri Ram Vishnu Prizeman 1954, Daxina Fellow of Univ. 1954 & Sahityacharya 1957; *Exp* : B.M. College of Commerce, Poona 1954-55 and 1957-58; *Mem* : Vice President, Indian Commerce Association (Ujjain), Chairman of Board of Studies in Business Admn. of Poona Univ., Chairman of Nasik Dist. Chamber of Commerce; *Genl* : Appointed as Principal of the full fledged Commerce College at the age of 23; *Knows* : Marathi, Hindi, Sanskrit & English; Add: B.Y.K. College of Commerce, Nasik-5.

GOSWAMI, Atul—Lecturer in Economics, Nalbari College, Nalbari since November 1963; *b* 1 November 1937 at Nalbari; *Edn* : M.A. (Econ) in 1961 from Allahabad Univ.; *Resch Exp :* Working on 'India's foreign trade—problems and prospects' from Gauhati Univ.; *Pub :* book on 'Fundamentals of Money and Banking', 'Pre University Economics', 'Public Finance in Developed & Developing countries'; *Exp :* Nalbari Gurdon Hr. Sec. School, 1961; Darrang College, Tezpur, 1961-62; *Knows :* English, Assamese, Bengali & Hindi; *Add :* P.O. Nalbari.

GOSWAMI, (Dr) Praphulla Datta—Head, Dept. of Tribal Culture and Folklore Research, Gauhati Univ. since 1964; *b* in 1921 at Gauhati; *Edn*: M.A. (English) in 1944 with Gold Medal from Calcutta Univ. & D. Phil. in 1955 from Gauhati Univ.; *Resch Exp :* In the field of Folklore and tribal culture; *Pub:* More than 15 books on fiction, criticism and travelogue in Assamese including 'Folk-literature of Assam'; 'Bihu Songs of Assam', 'Ballads and Tales of Assam', 'The teaching of English' etc.; *Exp* : Cotton College, Gauhati 1945-48; Gauhati Univ. since 1948 and worked in various positions since then; Visiting Prof. of Indian Folklore, Indiana Univ., U.S.A. 1966; *Mem* : Jt. Secy. of The Assam Research Society, President of Banikanta Training College (Gauhati); member, All India Translators' Association, Executive Board of Society for Asian Folklore (U.S.A.); *Knows* : English, Assamese, Bengali, Hindi & Sanskrit; *Visited* : U.K., Belgium, W. Germany, France, U.S.A., Japan and Nepal on educational and cultural visits; *Hobb:* Bird-watching; *Add* : Hillside, Gauhati-8.

GOSWAMI, (Dr) Sitanath—Senior-most Reader, Dept. of Sanskrit, Jadavpur Univ. since 1961; *b* July 1930 at Nabadwip in W. Bengal; *Edn* : M.A. (Sanskrit) in 1951 with first class first, with Univ. Gold Medal, Hem Chandra Goswami Gold Medal, Nakuleswar Bhattacharya Silver Medal, Siddheswar Silver Medal, Hem Chandra Cash Prize, Sonamani prize from Calcutta Univ.; Vyakaranatirtha (Panini) in 1953 with Gold Medal, Vedantatirtha (Sankara) in 1956, first, from W. Bengal Sanskrit Association; D.Phil. in 1957 from Calcutta Univ.; *Resch Exp :* For 10 years, presently guiding several research students for Ph.D.; *Pub :* Books on 'Vedantadarsane Paramarthatattva', 'Isopanisad with translation', 'Kenopanisad with translation', 'Cow-protection in India', 'Svamiji—Hindurastracinta', 'Vartamana Bharatam', 'Philosophy of Kalidasa' besides several other books and numerous articles; *Exp :* At Jadavpur Univ. since 1956; *Mem* : Working President of Gita-Samaj-Unnayan Sangha; *Genl:* Specialization in Veda, Vedatirtha, class I, W.B. Sanskrit Association; Vyakarana, Vedanta and Vaisnavism; participated in Kalidasa celebrations in 1961 and 1964, attended religious discussion under Vishva Hindu Parishad in Mysore in 1965; as linguist helped in framing of technological terms in Hindi; *Knows* : Bengali, Sanskrit, Hindi, English & German; *Hobb :* Visiting religious places; *Add :* 63/1A, Selimpur Lane, Calcutta-31.

GOSWAMI, Trailokyanath—Principal, Nalbari Degree College, Nalbari since July 1945; *b* 3 March 1906 at Nalhari; *Edn* ; M.A. (English) in 1932 & B.L. in 1935 from Calcutta Univ.; *Pub* : Books on 'Aruna', 'Marichika', 'Silpir Janma', 'Jia Manuh' , 'Sahitya Alochana', 'Adhunik Galpa Sahitya', 'Samudra—manthan' etc.; *Exp :* Headmaster A.K. Institution, North Gauhati 1935-40; Asstt. Lecturer, Cotton College, Gauhati 1941; Murarichand College, Sylhet 1943-45; *Mem :* Assam Sahitya Sabha, President of Assam Colleges Teachers Association for 1944-55 and 1955-56; President of Kamrup Sanskrit Sanjibani Sabha 1962-67, member of Faculty of Arts and Court of Gauhati Univ., President of Assam Sahitya Sabha for 1960-62, recepient of Sahitya Akademi award in literature 1968; *Knows* : Assamese, English, Bengali & Sanskrit; *Hobb*: Games, sports and music; *Add*: Nalbari Degree College, Nalbari.

GOSWAMY, (Dr) B.N.—Head, Dept. of Fine Arts, Panjab Univ., Chandigarh-14 since 1965; *b* 15 August 1933 at Sargodha in W. Pakistan; *Edn :* M.A. in 1954 with first class first and establishing new Univ. record, Ph.D. in 1961 from Panjab Univ.; *Resch Exp :* For 8 years ; *Pub :* Catalogue of Loan Exhibition of Historical Records, The Mughals and the Jogis of Jakhbar, besides about 25 research papers in distinguished Journals; *Exp :* For past 8 years at Panjab Univ.; *Mem* : Vice-Chairman of Lalit Kala Akademi (Chandigarh) and Lalit Kala Akademi (Panjab) ; *Genl* : Selected in the Indian Administrative Service in 1956 and resigned in 1958 to take up teaching; *Knows :* English, Hindi, Panjabi, Urdu, German, Sanskrit & Persian; *Visited :* W. Germany; *Hobb* : Poetry and dramatics; *Add* : Dept. of Fine Arts, Panjab Univ., Chandigarh.

GOUR, (Dr) Kedar Nath—Prof. & Head, Dept. of Medicine, J.L.N. Medical College, Aligarh since 1965; *b* 8 March 1903 at Bhopatpur in Dist. Azamgarh; *Edn* : D.C.H. (Paediatrics) in 1938, F.R.F.P.S. in 1939 from Royal College of Physicians & Surgeons, U.K.; M.R.C.P. in 1939 from Royal College of Physicians (Edinburgh); M.D. in 1941 from K.G. Medical College, Lucknow; F.R.C.P. in 1959 & F.R.C.P. in 1964 from Royal

College of Physicians and Royal College of Physicians & Surgeons, (U.K.) ; *Resch Exp* : For over 25 years; *Pub* : About 150 research papers in Indian and foreign Journals; *Exp* : U.P. Public Health Service (Lecturer) 1939-41; Reader in Medicine, Agra Medical College, Agra 1941-50; Prof. & Head, Dept. of Medicine, Agra Medical College, Agra 1950-57; Prof. & Head, Dept. of Medicine, G.S.V.M. Medical College, Kanpur 1957-62; Prof. & Head, Dept. of Medicine, College of Medical Sciences, BHU 1962-65; *Mem* : Indian Society of Endocrinology & Metabolism, (President since 1964) Association of Physicians of India (President 1967), Cardiological Society of India (Vice-President 1951-52), member of other scientific & professional organisations; *Genl* : Interested in building architecture; *Visited* : U.K., Scotland, Belgium, Australia, Japan, Philippines, New Zealand, Afghanistan, Norway, Sweden, Finland, Denmark, Holland, W. Germany, France, Spain, Switzerland, Egypt & Israel; *Knows* : Hindi, English, Urdu & Persian ; *Add* : Medical College, A.M.U., Aligarh.

GOUR, Ram Singh—Principal, Arts & Commerce Degree College, Khurai in M.P. since 1964; *b* 25 January 1925 at Khurai ; *Edn* : M.A. (History) in 1960 from Univ. of Saugar; *Resch Exp* : for 5 years on 'British relations with the Bhonslas of Nagpur 1799-1857'; *Exp*: Since 1960 at Arts & Commerce College, Khurai & has held different positions; *Mem* : Court, Univ. of Saugar; *Knows* : English, Hindi and Urdu; *Hobb* : Drawing and painting; *Add* : Arts & Commerce Degree College, Khurai, M.P.

GOWDA, B. N. Puttaiah—Principal, Mysore Iron & Steel Silver Jubilee Polytechnic, Bhadravathi since 1961; *b* 18 August 1928 at Beckshe in Dist. Shimoga ; *Exp* : In the executive and administrative posts under the Govt. of Mysore before joining the Polytechnic; *Mem* : Association of Principals of Technical Institutions (India), Rotary Club of Bhadravathi; *Knows* : Kannada & English; *Hobb* : Teaching; *Add*: M.I.S. S.J. Polytechnic, Bhadravathi.

GOYAL, (Dr) Chander Parkash—Dy. Director, Research and Asstt. Prof., Institute of Social Sciences, Kashi Vidyapith, Varanasi-2 since July 1967; *b* 1 September 1933 at Amritsar; *Edn:* M.A. (Pol. Sc.) in 1954 from BHU, M.A.S. in 1954, with first position from Kashi Vidyapith; P.G. Training in Basic Education in 1955 from Govt. P.G. Basic Training College, Chandigarh; Ph.D. (Sociology) in 1965 from Agra Univ.; *Resch Exp* ; for past 10 years in Education, Social work traditions in India, juvenile delinquincy, labour welfare, people's participation in Community Development etc. ; *Pub:* Books on 'History of Education in India', 'Suggestions for the Teaching of Social Studies', besides about 20 research papers, reports etc. ; *Mem*: Academic Council, Kashi Vidyapith; Research Advisory Cttee of A.I.C.P.S. ; Secy., The Banaras Sociological Society, Indian Association of Criminology Correctors ; *Knows* : English, Hindi, Urdu & Panjabi ; *Add* : Kashi Vidyapith, Varanasi-2.

GOYAL, (Dr) Jai Bhagwan—Head, Dept. of Hindi, Panjab Univ. P.G. Regional Centre, Rohtak since October 1966; *b* 30 September 1931 at Chhachhrauli in Dist. Ambala; *Edn* : M.A. in 1955 & Ph.D. in 1964 from Panjab Univ. ; *Pub* : Books on 'Guru Pratap Suraj ke Karya Paksh ka Adhyayan', Guru Gobind Singh, 'ke Veer Karya', 'Guru Sobha', 'Jangnama Guru Gobind Singh', 'Veer Kavi Dashmesh', 'Guru Gobind Singh: Vichar aur Chintan', 'Anandpur ka Sahitya' besides several articles ; *Honours* : awarded prize from Haryana Govt., honoured by Pradeshik Hindi Sahitya Sammelan and Shiromani Gurudwara Prabandhak Committee; *Mem* : President, Haryana Hindi Sahitya Academy ; *Knows* : Hindi, Urdu, English, Panjabi & Sanskrit ; *Add* : Hindi Dept., P.U.P.G. Regional Centre, Rohtak.

GOYAL, (Dr) S. R.—Lecturer, Dept. of Ancient Indian History, Gorakhpur Univ. since 1958 ; *b* 13 April 1932 at Hapur ; *Edn* : M.A. (History) in 1955 first class first from Allahabad Univ., Ph.D. (Pol. History of the Imperial Guptas dynasty) in 1966 from Gorakhpur Univ. ; *Resch Exp* : Working for D.Litt. on 'Early Middle Ages of India'; *Pub* : Books on 'The History of the Imperial Guptas', 'Samudragupta aur uska yuga', 'Vishwa ki Prachina Sabhyatayen', 'Pragatihasika manava aur sanskritiyan' besides more than dozen research papers ; *Exp* : C.M.P. Degree College, Allahabad or 3 years ; *Mem* : Numismatic Society of India, Indian History Congress, Oriental Conference ; *Knows* : Hindi, English, Urdu, Bengali & French; *Add* : Basant Bhawan, Jubilee Cinema. Gorakhpur

GOYAL, Satish Chandra—Dean, Pant College of Technology, U.P. Agrl. Univ. since November 1966 ; *b* 10 September 1921 at Kasganj in Dist. Etah ; *Edn :* M.S. (Struct. Engg.) in 1961 from Univ. of California, U.S.A. ; *Resch Exp :* For 12 years; *Pub :* Books on 'Manual of Estimating', 'Design of Structures in Structural Steel', 'Strength of Materials & Theory of Structures', 'Strength of Materials and Theory of Structures Part II' ; besides 30 research papers ; *Honours :* awarded merit pay by Govt. of Rajasthan ; *Exp :* Apprentice Engineer U.P., P.W.D. 1943-45; Asstt. Engineer U.P., P.W.D. 1945-47; Civil Engg. Dept. Roorkee Univ. 1947- 54; Prof. & Head of Struct. Engg. Dept., Jodhpur Univ. 1954-66 ; Prof. & Head of Struct. Engg. Dept. & Vice Principal, M.B.M. Engg. College, Jodhpur 1956-63 ; Dean, Faculty of Engg., Univ. of Jodhpur 1963-66; *Mem* : Institution of Engineers (India), Institution of Engineers (Jaipur), American Society of Civil Engineers, Vice-President of Rotary Club (Jodhpur) ; *Knows :* Hindi Urdu, English & Russian ; *Visited :* U.S.A, U.K., France & Germany ; *Hobb :* Tennis & squash ; *Add :* Pant College of Technology, U.P. Agrl. Univ., Pantnagar.

GOYALIYA, Ayodhya Prasad—Personnel Officer, Labour Welfare Centre, Rohtas Industries Ltd , Dalmianagar since 1941 ; *b* 7 December 1902 at Badshapur in Dist. Gurgaon ; *Resch Exp :* Mile-stone work in Jain History ; *Pub* : Books on 'Maurya Samrajya ke Jain Veer', 'Rajputane ke Jain Veer', 'Arya Kalin Bharat', 'Jain Jagran ke Agradoot', 'Gahre Pani Paith', 'Jinkhoja tin panna', 'Kooch moti kooch seep' 'Lo Kahani Soono', 'Shero-Shairi', 'Shero-Sukhan (5 Vols.) ', 'Shairi-ke-Naye Daur (5 Vols.) ', 'Shairi ke Naye Maur (5 Vols.), 'Ustadana Kamal', 'Hanse to phool Jharen' etc. ; *Exp :* Secy., Bhartiya Gyan Peeth, Kashi 1944-59 ; *Mem* : Founder of Jain Sangthan Sabha (Delhi), Member of Bharatiya Gyanpeeth Sanchalak Samiti ; *Genl :* In jail for 2¼ years during freedom struggle, first man to break salt movement in Delhi, Editor of Anekant, Gyanodya, Veer at different times ; *Knows :* Sanskrit, Prakrit, Hindi, Urdu, Persian & Gujrati ; *Add :* Personnel Officer, R.I. Ltd., Dalmianagar, Bihar.

GROVER, (Dr) Gopal Krishan—Dept. of Mech. Engg., Roorkee Univ. ; *b* 15 October 1933 at Rawalpindi, W. Pakistan ; *Edn :* B.Sc. (Engg.) in 1958 from BHU. M.E. in 1963, Ph.D. in 1966 from Univ. of Roorkee ; *Resch Exp* : For 6 years; *Pub :* Transmissibility Characteristics', 'Initial tightening of Bolts' etc. ; *Honours* : Awarded Khosla Prize for 'Variable Dashpot' ; *Exp :* for 8 years at Roorkee Univ. ; *Mem :* Associate Member of A.S.M.E. : *Knows* : English & Hindi ; *Visited* : U.S.A. ; *Hobb :* Crosswords, literature and music ; *Add* : Dept. of Mech. Engg., Roorkee Univ., Roorkee.

GROVER, N. D.—Principal, D.A.V. College, Abohar since 1960 ; *b* 15 November 1923 at Mianwali in W. Pakistan ; *Edn :* M. Sc. (Hons) (Chem) in 1945 from Panjab Univ. ; *Resch Exp*: For one year ; *Exp*: Lecturer 1945-55, Head of Chemistry Dept. 1955 to 1960, first at D.A.V. College, Lahore and later at Ambala City ; since 1960 as Principal and Head of Chemistry Dept. ; *Mem*: Life Member of D.A.V. College Managing Cttee ; Fellow of Panjab Univ. since 1964, member Science Faculty, Academic Council of Panjab Univ. ; *Knows* : English, Urdu, Hindi & Panjabi ; *Add* ; D.A.V. College, Abohar.

GUDDIN, Lingaraja Mallappa—Asstt. Director, Extension Service Publications, Karnatak Univ., Dharwar since September 1965 : *b* 2 August 1931 at Koliwad in Dist. Dharwar; *Edn*: M.A. (Kannada) in 1961 from Karnatak Univ. ; *Resch Exp*: Worked in Vachana Scheme of Karnatak Univ. ; *Pub*: 'Hoomale'-a book of personal poems, two novels, collections of folklore stories ; poems published in magazines besides edited several journals ; *Honours* : Gold Medal in Rashtrabhasha Praveen Exam., First Prize for Radio Play at AIR, prizes for development scheme : *Exp*: Lecturer in Kannada, Lingaraja College, Belgaum; Shankar College, Yadgir and its Vice-Principal for one year ; *Mem* : Study Circle, Yadgir ; *Genl* : Interested in teaching politics and orgarnised several Hindi and Kannada Exam. centres ; *Knows*: Kannada, Hindi & English; *Hobb*: Photography etc. ; *Add*: Mirajkar Bldg., Saptapur, Dharwar.

GUHA, (Dr) Naresh—Head, Dept. of Comparative Literature, Jadavpur Univ. since September 1967; *b* 1924 in East Bengal ; *Edn*: M.A. (English) in 1945 from Univ. of Calcutta, Ph. D. in 1962 from North Western Univ., U.S.A ; *Resch Exp*: On W.B. Yeats; *Pub*: 'W.B. Yeats: An Indian approach', 'The figure of the Jew in American fiction','Literature of vision in our times: the Beat scene', 'Approaches to criticism', 'Tagore in English', besides several articles ; *Exp*: Charuchandra College, Calcutta 1948-56 ; joined Jadavpur Univ. in 1956 as Senior Lecturer, promoted as Reader, and Professor in 1967; *Mem*: International Comparative Literature Association, Fulbright Alumini Association (India), Centre for Indian Writers (Poona) ; *Genl*: Awardee of Fulbright and Smith Mundt Fellowship (1959-60), Rockfeller Foundation Fellowship (1960-62) ; Represented India at the biennial Poetry Conference in Belgium 1959; *Knows*: Bengali, English, Sanskrit, French and Hindi ; *Visited*: U.S.A. ; *Hobb*: Cactus growing, photography etc. ; *Add*: Dept. of Comparative Literature, Jadavpur Univ., Calcutta-32.

GUHA, Nripendra Nath—Supdt., Govt. Institute of Leather Technology, Bombay since March 1956; *b* 14 November 1914 at Faridpur in Bengal; *Edn:* M A. in 1933 from Rajendra College, Faridpur; M.A. (Tanning) in 1936 from The Bengal Tanning Institute, Calcutta; *Resch Exp*: In the field of Side upper Leather, Glace Kid, Bag Tanning; Shoe construction, Glue manufacture; *Pub*: Several articles in technical journals; *Exp:* M/s Gordon Woodrffe Leather Mfg. Co. Ltd., Madras; M/s National Tanneries Co. Ltd., Calcutta; M/s Havero Trading Co. Ltd., M/s. Gillanders Arbuthnot & Co. Ltd.; Govt. of Panjab; *Mem:* Association of Principals of Technical Institutes of India, Indian Leather Technologists Association, The Bandra Cultural Association (its President) ; *Knows:* Bengali, English, Panjabi, Hindi & Urdu; *Hobb*: Outing, hunting and reading; *Genl*: During service in Govt. of Panjab also worked as Marketing Officer and Technical Manager of Govt. Shoe & Leather Goods Work Centre; *Add:* Govt. Institute of Leather Technology, Bandra East, Bomaby-51.

GUHA, Parijat—Actg. Principal, The School of Printing Technology, Calcutta—32; *b* 1 March 1930 at Faridpore in E. Bengal; *Edn:* Diploma in Printing in 1951 from Manchester College of Technology; U.K.; *Pub*: Several articles in magazines; *Exp:* Manager, Hindustan Printers, Calcutta; Asstt. Production Manager, Baptist Mission Press, Calcutta; Sr. Lecturer of the School of Printing Technology; Bombay Educational Service at Govt. Institute of Printing Technology, Bombay; *Mem*: All India Master Printers Association, All India Principals of Technical Institutions, Public Service Commission of M.P.I.S.I. New Delhi; Press Reorganisation Cttee, Govt. of W. Bengal; *Genl:* Paper setter for several institutions; *Knows:* English, Bengali & Hindi; *Visited:* U.K., Switzerland & W. Germany; *Add:* 23/3, Gariahat Road, Gol Park, Calcutta-19.

GUJAR, Kewal Das—Instructor in Horticulture, Rajasthan College of Agriculture, Udaipur since 1961; *b:* 1 January 1940 at Bisoni Kalan in Dist. Hoshangabad; *Edn*: M.Sc. (Agri) in 1967 from Rajasthan College of Agriculture, Udaipur; *Resch Exp:* Doing research work in horticulture; *Pub*: 'Effect of MH on growth and yield of Okra', 'Use of MH in vegetable production'; *Honours*: Prize from the Fertilizer Association of India; *Exp:* Since 1961 at Rajasthan College of Agriculture; *Mem* Horticulture Soceity of India; *Genl* : Throughout first divisioner and topper in M.Sc (Ag.); *Knows*: Hindi & English; *Hobb:* Gardening; *Add:* Rajasthan College of Agriculture, Udaipur.

GUJRATI, B.S.—Librarian, Central State Library, Chandigarh since 1956; *b* 10 August 1912; *Edn:* A L.A. (Lib. Sc.) in 1954 from Library Association, London; *Pub*: Books on 'Librarianship', 'Library Administration', 'Library Organisations', 'Study of Lal Bahadur Shastri', 'Prime Ministers of India','Readings in Library Science', 'Guru Gobind Singh', 'Stories for Children in Panjabi' etc. ; *Exp*: Khalsa College, Bombay 4 years; S.N. College, Lahore 4 years; Board of Economic Enquiry of Panjab, Lahore, 1 year; Govt. Training College, Jullundur 7 years; *Mem*: Library Association, London; Punjab State Library Association; *Genl:* Organised four Libraries during his 30 years of librarianship; *Knows:* Punjabi, Hindi, Urdu & English; *Hobb*: Crosswards & writing books; *Add :* House No. 2200, Sector 22—C, Chandigarh.

GULATI, (Dr.) Om Datt—Prof. of Pharmacology, Medical College, Baroda since 1960; *b* 31 January 1923 at Mianwala, W. Pakistan; *Edn*: M.D. in 1955 from Agra Univ. & M.S. in 1959 from Univ. of Colorado, U.S.A.; *Resch Exp:* for 17 years; *Pub*: about 50 original papers in international scientific journals of repute; *Exp:* G.R. Medical College, Gwalior for 2½ years; since about 1954 at Medical College, Baroda; *Mem*: Association of Physiologists & Pharmacologists of India, Indian Medical Association, Indian Pharmaceutical Association, British Pharmacological Society, Board of Studies in Gujarat & M.S. Univ. of Baroda; *Knows:* English, Hindi, Urdu, Panjabi & Gujarati; *Visited*: U.S.A. 1958-59, U.K., Switzerland, Italy & Czechoslovakia 1967-68 for higher studies; *Add*: Dept. of Pharmacology, Medical College, Baroda.

GUNJAL, (Dr.) Shivaputrappa Rayappa—Librarian, Karnatak College, Dharwar since 1961; *b* 25 June 1932 at Koliwad; *Edn*: M.A. (Kannada) in 1957 from Karnatak Univ.; Dip. Lib. Sc. in 1961 and M.Lib. Sc. in 1964 from Univ. of Delhi; *Resch Exp:* For 2 years; *Pub:* Books on Aivaru Granthalaya Vijnanigalu, Soocheekaranada Jnana Mattukriye, Maisuru Rajyadalli Grantha Bhandaragalu, Granthalayada Antarang, Granthalaya Vijnana Darshana, Aivaru Paschimatya Tatwajnanigalu, Basava Sahitya Darshana etc.; *Exp:* R.L.S. High School, Dharwar 2 year; Govt. College, Mangalore 1 year; School of Lib. Science, Karnatak Univ. 5 years ; *Mem*: Karnatak Library Association, Mysore Lib. Association, Indian Library Association; *Knows:* English, Kannada, Hindi & Sanskrit; *Add*: Sathe Building, Saptapur Dharwar.

GUPTA, (Dr.) Amarnath—Principal & Prof. of English, Chhatrasal Govt. College, Panna, M.P. since 1965 ; *b* 53 years of age, born at Chotey in Dist. Meerut; *Edn*: M.A. (English) in 1935 with first class first winning P. Seshadari Gold Medal & Jones Medal from Agra Univ. ; *Resch Exp*: Worked for Ph. D. on 'Thomas Love Peacock : 'A Critical Study' ; *Exp:* Dungar College, Bikaner 1935-41; A. S. Jat College, Lakhaoti 1941-43; S.D. College, Kanpur 1943-46; Meerut College, Meerut 1946-48; Principal, K. R. Degree College, Mathura 1948-49; Prof. & Head of English, Govt. Hamidia College, Bhopal 1949-59; Principal, Govt. Degree College, Sehore 1959-60; Govt. P.G. College, Ratlam 1960-64; Govt. P.G. College, Betul 1964-65; *Pub*: More than 30 research papers and articles; *Mem*: Executive Council, Academic Council, Board of Studies, Reference Cttee. of Univ. of Saugar; member & Vice President, Rotary Club, Ratlam; attended numerous English Teachers Seminars at various places; *Knows*: English, Hindi & Urdu; *Hobb*: Reading, painting and music; *Add*: Chhatrasal Govt. College, Panna, M.P.

GUPTA, (Dr.) Badri Prasad—Asstt. Prof. in Pol. Sc., B.I.T.S., Pilani since December 1965; *b* 9 November 1920 at Aligarh; *Edn*: M.A. in 1949 & Ph.D. in 1961 from Univ. of Rajasthan; M.A., (Pub. Admn.) in 1963 from Institute of Social Sciences, (Netherlands); *Resch Exp*: In 'Municipal Administration in Rajasthan', sponsored by Planning Commission; *Pub*: Several articles like Working of Democratic Decentralization in Rajasthan, Sarpanch in Rajasthan etc. ; a book on 'The Dutch Burgomaster and the American City Manager' is in press; *Honours*: Visiting Lecturer, Syracuse Univ., U.S.A. 1963-64; delivered lectures at various universities in Europe and U.S.A. ; *Exp*: Lecturer 1949-65 at B.I.T.S., Pilani and promoted in 1965; *Mem*: Indian Institute of Public Administration, Indian Political Science Association, All India Institute of Local Self-Govt; *Knows*: English, Hindi & French; *Genl*: Participated in Jubilee Session of International Union of Local Authorities held at Brussels; *Visited*: Netherlands, U.S.A., U.K , France, Germany, Italy, Greece, Switzerland, Belgium, U.A.R. etc.; *Add*: Dept. of Pol. Sc., B.I.T.S., Pilani.

GUPTA, (Dr.) Bireswar—Scientist, Division of Botany, C.D.R.I., Lucknow since May 1961; *b* 1 March 1923 at Calcutta; *Edn*: M.Sc. (Botany) in 1944 & D. Phil. (Pharmacognosy) in 1961 from Univ. of Calcutta; *Resch Exp*: For past 20 years; *Pub*: About 40 papers on Pharmacognosy, Chemotaxonomy etc.; *Exp*: Pharmacognosist, Bengal Immunity Research Institute, Calcutta for 11 years; *Mem*: Indian Botanical Society;

Knows: English, German, Sanskrit, Hindi & Bengali; *Hobb*: Painting; *Add*: Dept. of Botany, C.D.R.I., Lucknow-7.

GUPTA, (Dr.) Chandra Prakash—Prof. & Head, Dept. of Mech. Engg., Roorkee Univ. since March 1967; *b* 4 June 1928 at Sikandrabad in Dist. Bulandshahr; *Edn*: Ph.D. (Mech. Engg.) in 1964 from Univ. of Wisconsin, U.S.A.; *Resch Exp*: For 10 years; *Pub*: Book on 'Engineering Thermodynamics and Heat Transfer' besides eleven papers like 'Fuel Preconditioning for multifuel engines', 'Cold starting of diesel engines at high altitutes' and other thermodynamic subjects; *Exp*: Since 1954 at Univ. of Roorkee; *Mem*: Associate Member, American Society of Mechanical Engineers; *Knows*: Hindi & English; *Visited*: U.S.A.; *Add*: 122, Thomson Marg, Roorkee.

GUPTA, (Dr.) Chandra Prakash—Lecturer, Dept. of Agrl. Engg., I.I.T., Kharagpur since February 1966; *b* 13 November 1935 at Vill. Gaini in Dist. Bareilly; *Edn*: M. Tech. (Farm Machinery & Power) in 1961 & Ph.D. (Agri. Engg.) in 1965 from I.I.T., Kharagpur; *Resch Exp*: Post-doctoral fellow, Dept. of Biological & Agrl. Engg., N.C. State Univ., U.S.A. for one year; total research experience of 8 years; *Pub*: Ph.D. thesis- 'Mechanical Behaviour of Soil, its application to Tillage Implements'; M. Tech. thesis -'Theory of Inversion of Furrow Slice and Technique of its Measurement' besides over 30 research papers and project reports; *Honours*: First prize in Agrl. Engg.; *Exp*: Allahabad Agrl. Institute, Allahabad 1965; *Mem*: Indian Society of Agricultural Engineers, American Society of Agricultural Engineers, Agricultural Engineering Society; *Knows*: Hindi, Urdu, English & German; *Visited*: U.S.A. 1965-66; *Add*: c/o Dr. Shri K. L. Gupta, Vill. & P.O. Gaini, Dist. Bareilly.

GUPTA, D. M.—Principal, D. S. College, Aligarh since November 1966; *b* 24 January 1912 at Iylas in Dist. Aligarh; *Edn*: M.A. (English) in 1935 from Agra College, Agra; *Pub*: Books on 'Treasures of English Composition', 'Pleasures of General English' for inter classes; *Exp*: Agra College, Agra 1935-38; Amar Singh College, Lakhaoti 1938-39; since 1940 at the D.S. College, Aligarh; *Mem*: Hony. Manager of A.C.A. Hr. Secondary School, Malviyanagar for 15 years; President, Agrawal Kanya Vidyalaya, Aligarh for 6 years; *Hobb*: Music, gardening; *Add*: D.S. College, Aligarh.

GUPTA, (Dr.) Dhanwant Kishore—Dy. Director, Physics Cell, Hindi Publication Board, BHU since 1963; *b* 1 July 1934 at Varanasi; *Edn*: M.Sc. in 1955 from Agra Univ. & Dr. rer. nat. (Nuclear Physics) in 1962 from Hamburg Univ., W. Germany; *Resch Exp*: For 5 years in Neutron time of flight spectroscopy; *Pub*: Books on 'Vidyut aur chumbaktav', 'Prakashiki', 'Prayogik', besides papers; *Exp*: D.A.V. College, Kanpur 1955-60; Radio Engineers' Institute (W. Germany) 1960-62; *Mem*: Indian Scientific Translators Association; INSDOC (New Delhi); *Visited*: Travelled extensively throughout W. Europe and Middle East; *Knows*: English, German, Russian, Hindi, Bengali & Urdu; *Add*: Physics Cell, Hindi Publication Board, BHU, Varanasi.

GUPTA, Diptikendu—Officiating Principal, Shri Vaishnav Polytechnic, M.O.G. Lines, Indore since July 1967; *b* 8 November 1926 at Patna; *Exp*: M.M. College, Patna; Inter-State Power Co., Dubuque, U.S.A.; Grubb Engg., Vintou, U.S.A.; Harza Engg. Co., Chicago, U.S.A.; State Univ. of Iowa, U.S.A.; Birla Institute of Technology & Science, Pilani; Head, Elect. Engg. Dept., S.V. Polytechnic, Indore since 1963; *Mem*: Assoct. member of Institute of Electrical & Electronics Engineering (New York); *Knows*: Hindi, Bengali & English; *Visited*: U.S.A.; *Hobb*: Model-making; *Add*: Shri Vaishnav Polytechnic, Indore.

GUPTA, (Dr.) Dwarka Prasad—Asstt. Prof. in Zoology, Univ. of Saugar since January 1968; *b* 12 August 1940 at Rasena in Dist. Sagar; *Edn*: M. Sc. in 1961 with 2nd position & Ph.D. (Entomology) in 1967 from Univ. of Saugar; *Resch Exp*: For about 5 years on the neurosecretory cells of dysdercus; *Pub*: Three papers; *Exp*: started with the Saugar Univ.; *Mem*: National Academy of Sciences of India; Indian Science Congress Association; *Knows*: English & Hindi; *Add*: Dept. of Zoology, Saugar Univ., Sagar.

GUPTA, (Dr) Ganpati Chandra—Head, Dept. of Hindi, P.U. Regional Centre for P.G. Studies, Simla-3 since September 1966; *b* 6 December 1928 at Mandha in Dist. Sikar; *Edn*: M.A. (Hindi) in 1954, Ph.D. in 1959 & D.Litt. in 1965 from Panjab Univ ; *Resch Exp:* For 13 years; *Pub*: Books On 'Sahityak Nibandh, Hindi Kavya men Shringar-parampra aur Mahakavi Bihari', 'Sahitya Vigyan', 'Hindi Sahityaka Vaigyanik Itihas', 'Bihari-Satsai', 'Adhunik Sahitya aur Sahityakar'; *Honours*: Three prizes from U.P. Govt. for various research works; *Exp*: C.R.A. College, Sonepat 1954-57 ; D.A.V. College, Jullundur 1957-59; Dayanand College, Hissar 1959-60; Panjab Univ., Chandigarh 1960-66; *Knows*: Hindi & English; *Hobb*: Writing; *Add*: 3, Ayrcliff, Simla-3.

GUPTA, (Dr.) Hira Lal—Head, Dept of History, Univ. of Saugar since 1946; *b* 10 January 1917 at Fatehpur in U.P.; *Edn*: M.A. (History) in 1941 & D. Phil. in 1945 from Univ. of Allahabad ; *Resch Exp*: For 26 years at Allahabad Univ., National Archives of India and at Univ. of Saugar ; D.Phil. thesis on 'Administration of India under Lord Amherst'; *Pub*: About 40 research papers; *Exp*: Since 1946 at Saugar Univ. ; *Mem*: Indian History Congress, Indian Historical Records Commission (1947), Indian Congress on American History, American Studies Research Centre (Hyderabad); Fellow of Institute of Historical Studies (Calcutta), Oriental Conference; *Knows*: English, Hindi & Urdu; *Hobb*: Reading, writing and visiting historical places; *Genl*: Special interest in British Relations with Indian States, the North Frontier of India etc.; Editor & Director of Govt. of India project 'Freedom Fighters Who's Who for M.P.'; *Add*: Dept. of History, Saugar Univ., Sagar.

GUPTA (Dr.) Jogesh Chandra—Head, Dept. of Cardiology, Univ. College of Medicine, Calcutta Univ. since November 1967; *b* 17 November 1902 at Gaila in Dist. Barisal; *Edn*: M.D. in 1933 from Cologne Univ. (W. Germany); *Resch Exp*: In the field of blood volume in health and diseases, estimation of cardiac output after Digitalis, Chronaxiemetry, study in the physiology of twins, physiology of Coronary circulation, blood pressure cardio-vascular system and diseases of the heart; *Exp*: House Physician, R.G. Kar Medical College 1928-31; Univ. of Cologne 1931-32 ; Univ. Clinic of Haidelberg 1932-33; Rashbehari Ghosh travelling fellow 1933-34; Dept. of Physiology R.G. Kar Medical College 1935-37; Calcutta Medical College & Hospital 1938-39; Cardiologist 1940-53, Prof. of Cardiology since 1953 at R.G. Kar Medical College; *Mem:* Society of Experimental Medical Sciences. President of the Association of the Cardiology Dept.; *Knows:* English, Bengali & German; *Visited*: W. Germany and other countries of Europe; *Add*: 3, Lower Range, Calcutta-17.

GUPTA, (Dr.) Kishori Lal—Principal, Hindu Degree College, Zamania since July 1962; *b* 28 November 1915 at Vill. Sudhavat in Dist. Varanasi; *Edn:* M.A. (English) in 1942 & M.A. (Hindi) in 1943, Ph.D. & D.Litt. from BHU; *Pub*: Book on 'Shampa,' 'Shyama', 'Radha', 'Tin Kavya Pravesh', 'Bhartendu aur Anya Sahayogi Kavi', 'Bharatendu Evam unke Purvavarti aur Parvarti Kavi', 'Prasad ka Vikasatmak Adhyayana', 'Hindi Sahitya ka Pratham Itihas', 'Gosain Charita', 'Nagari Das (2 vols.)', 'Hariaudh Sati Smarak Granth', 'Saroj Sarvekshan' etc.; *Honours*: Cash Award from U.P. Govt. on Bharatendu aur Anya Sahayogi Kavi; *Exp*: Head, Hindi Dept., S.N. College, Azamgarh for 1949-62; *Mem*: Nagari Pracharini Sabha, Varanasi; *Knows*: Hindi, English, Urdu, Sanskrit & Bengali; *Add*: H.D. College, Zamania, U.P.

GUPTA, (Dr.) Lakshmi Chandra—Reader in Commerce, Delhi School of Economics, Delhi Univ. since 1960; *b* 14 August 1930 at Agra; *Edn*: M.Com. in 1953 from Allahabad Univ & Ph.D. (Econ) in 1965 from Univ. of Delhi; *Resch Exp*: Currently directing a research project on 'Bonus Share Issues' under the Planning Commission ; *Pub*: Book on 'Institutional Financing of Industry in India' besides ten research papers in noted economic journals; *Exp*: S.R. College of Commerce, Delhi 1953-60; *Knows*: Hindi & English; *Hobb*: Photography; *Add*: Delhi School of Economics, Delhi-7.

GUPTA, (Dr.) Lakshmi Narayan—Lecturer in Education, Allahabad Univ. since 1956; *b* 5 February 1924 at Allahabad; *Edn:* M.Ed. in 1953 from Allahabad Univ. & M.A. (Hindi) in 1955 from Agra Univ.; *Resch Exp:* For past over 10 years in the field of education, & sociology; *Pub:* Books on 'Shiksha ke Sidhant aur Adhar', 'Shiksha Darshan', 'Mahan

Pashchatya Shiksha Sidhant', 'Mahan Bhartiya Shaikshstri', 'Hindi Bhasha Shikshan', 'Shiksha Mano-vigyan', 'Shiksha Vigyan'; most of the books are text books; several articles in educational journals; *Exp:* Central Training College, Allahabad 1950-56; Allahabad Univ. 1956-61; Kishori Raman Training College, Mathura 1961-63; rejoined Allahabad Univ. in 1963; *Knows:* English, Sanskrit, Hindi & Urdu; *Add:* 124, Krishnanagar, Kydganj, Allahabad.

GUPTA, (Dr.) Madan Gopal—Registrar, Agra Univ. since February 1968; *b* 4 January 1925 at Kairana in Dist. Muzaffarnagar; *Edn:* M.A. (Pol.Sc.) in 1948, first class first & D.Litt. in 1965 on Indo-Ceylon Relations; *Resch Exp:* For over 15 years, guiding research in various universities; *Pub:* Books on 'International Relations' in 3 volumes, 'Contemporary World Politics', 'Theory and Practice of Modern Govts. and Indian Constitution', 'Govt. of Britain', 'Govt. of the United States', 'Republic of France and several other books; *Exp:* Allahabad Univ., 1948-1968; *Mem:* Vice-Chairman, Indo-Arab Society, Allahabad; The Citizen's Information Forum, Allahabad; Member, Indian Council of World Affairs; Editor, Indian Year Book of World Affairs; *Knows:* Urdu, Persian, Hindi & English; *Visited:* Ceylon; *Hobb:* Gardening, comparative music and study of religion; *Add:* Univ. of Agra, Agra.

GUPTA, (Dr.) Manoranjan Prasad—Head, Dept. of Physics, Ranchi Univ. since 1963; *b* 8 August 1926 at Arrah in Bihar; *Edn:* M.Sc. in 1947 from Patna Univ. & Ph.D. in 1953 from London Univ.; *Resch Exp*: Post-doctorate Fellow, National Research Council of Canada, Ottawa; *Pub*: About 26 articles in Indian and foreign journals; *Exp*: Science College, Patna 1949-56; Ranchi Univ. 1956-63 as Reader and Head of the Dept. since 1963; Exchange Visitor, Polytechnic Institute of Brooklyn, New York; Commonwealth Univ. Exchange Visitor to U.K. and U.S.S.R.; *Mem*: Fellow, Physical Society (London), American Mineralogical Society; Member, Mineralogical Society of England, Associate of Institute of Physics (London), Indian Physical Society, Indian Science Congres; *Visited:* U.K., France, Holland, Germany, Canada, U.S.A. & U.S.S.R. for research works; *Knows*: English, Hindi & Bengali; *Add*: Dept. of Physics, Ranchi Univ., Konke, Ranchi-8.

GUPTA, Mitresh Kumar—K. K. Inter College, Meerut; *b* 5 July 1931 at Niamatpur in Dist. Saharanpur; *End*: M.A. (Hindi) in 1955 from D.A.V. College, Dehra Dun; *Pub*: Books on 'High School Hindi Darpan', 'Inter Hindi Darpan',' Prachark Guide to General English for Hr. Sec.', 'Pracharak Desk Work in General English' for several standards, 'Pracharak Rachna Vidhi' for several classes; *Exp*: K.K. Inter College, Meerut; *Mem*: Bhartiya Sahityakar Parishad, Meerut; *Knows*: Hindi, English, Urdu & Bengali; *Hobb*: Writing Hindi poems, one of his collections is printed as 'Bikhari Kaliyan' with foreword from Shri Bachan; *Add*: K.K. Inter College, Meerut.

GUPTA, Om Swarup—Reader in Business Administration, Allahabad Univ. since September 1966; *b* 1 April 1926 at Hasanpur in Dist. Moradabad; *Edn*: M. Com. in 1950 & LL.B. in 1951 from Univ. of Allahabad; I.T.P. (Business Admn) in 1964 from Harvard Univ., (U.S.A.); *Resch Exp:* exempted from D.Phil. and currently working for D. Litt.; *Pub*: Books on 'Life-Insurance' besides a dozen papers on 'Panchayati Raj', 'State Bid to Industries', 'Management Education' etc.; *Exp:* Univ. of Allahabad since 1950 with a break in 1951; *Mem*: Board of Studies, Faculty, Court, Examination Cttee of Univ. of Allahabad; Indian Commerce Association; *Knows*: Hindi, English, Urdu, & French; *Visited:* U.S.A., U.K., W. Germany, France, Switzerland & Italy; *Add*: 6/B, Bank Road, Allahabad-2.

GUPTA, (Dr.) Pratul Chandra—Prof. & Head, Dept. of History, Jadavpur Univ. since 1961; *b* 10 January 1910 at Teota, E. Pakistan; *Edn*: M.A. in 1931 from Presidency College, Calcutta & Ph.D. in 1936 from School of Oriental Studies, London; *Resch Exp*: For over 30 years in the field of British rule of India; *Pub*: Books on 'Baji Rao II and the East India Company', 'The Last Peshwa and the English Commissioners', 'Shah Alam II and his Court', 'Fort William', 'India House Correspondence', 'Nana Sahib and the Rising at Cawnpore', 'Maharashtra-Puran' besides 25 research papers; *Exp*: Univ. of Calcutta 1939-61; Visiting Prof. at Univ. of Chicago and California.

1960-61; *Mem*: Historical and Archaeological Secy. of the Asiatic Society; Fellow of the Royal Asiatic Society of G.B. and Ireland; Member, Indian Historical Records Commission, The Indian History Congress, Nehru Memorial Museum and Library; Dean, Faculty of Arts; *Knows*: English, Bengali & Marathi; *Visited*: U.K. 1934-36 and 1957-58, U.S.A. 1960-61 and 1965-66, Czechoslovakia 1963; *Add:* Dept. of History, Jadavpur Univ., Calcutta-32.

GUPTA, Prodosh Kusum Das—Director, National Gallery of Modern Art, New Delhi since July 1957; *b* 10 January 1912 at Dacca; *Edn:* Training at Royal Academy of Arts, London; L.C.C. Central School of Arts and Crafts, London; Ecole de Grand, Schaumere, Paris 1936-39; *Resch Exp:* on Bengal terra cotta Art of the mediaeval temples; *Pub:* 'My Sculptures', 'Temple Terra Cotta of Bengal' besides many articles in various journlas; *Exp*: Reader & Head, Dept. of Sculpture, Baroda Univ. 1950; Govt. College of Arts & Crafts, Calcutta 1951-57; *Mem*: President of 3rd Congress of the International Association of Arts, UNESCO, 1960, Vienna; Executive Board & General Council of Lalit Kala Akademy (New Delhi) ; member, Royal Society of Art (London); *Knows:* English, Bengali, Hindi & Sanskrit; *Visited:* Italy, Czechoslovakia, Poland, Great Britain, France, Belgium, Germany, Siam, Malaya, Indonesia, U.S.S,R., Vienna & U.S.A. ; *Hobb:* Photography; *Add:* National Gallery of Modern Art, Jaipur House, New Delhi.

GUPTA, (Dr.) Pyare Lal—Senior Lecturer, Dept. of Pharmacy, B.I.T.S., Pilani since 1955; *b* 8 November 1911 at Sondha in Dist. Meerut; *Edn:* M.D. (Physiology) in 1962 from K.G. Medical College, Lucknow; D.I.M.S. (Ayurved) in 1946 from Board of Indian Medicines, U.P.; *Resch Exp:* For over 10 years; *Pub*: 'Growth promoting properties and effect on female pregnant rats of Asparagus Racemosus', 'Growth promoting properties of Melia Azadirachta (Neem)', 'Long Life and its secrets' etc.; *Exp:* R.A. College, Hardwar 3½ years; *Mem*: All India Pharmaceutical Teachers Association, Rajasthan Academy; *Knows:* Hindi, Sanskrit, Urdu & English; *Hobb*: Music and gardening; *Add:* 159, Vidya Vihar, Pilani.

GUPTA, (Dr.) Raj Kumar—Asstt. Prof. of English, I.I.T., Kanpur since July 1965; *b* 17 August 1936 at Kanpur; *Edn*: M.A. (English) in 1957 from Univ. of Agra, A.M. in 1962 from Univ. of Rhode Island (U.S.A.) & Ph.D. in 1964 from Univ. of Pittsburgh (U.S.A.) ; *Resch Exp:* Post-doctoral Research Fellow, American Studies Research Centre, Hyderabad 1966; *Pub*: Three articles; *Honours*: Cowie Prize from Christ Church College, Kanpur in 1955; *Exp*: Mahakoshal Mahavidyalaya, Jabalpur 1957-61; Univ. of Rhode Island 1961-62; Hindu College, Delhi 1964; Univ. of Kurukshetra 1965; *Mem*: Modern Language Association of America, National Council of Teachers of English, Indian Association of English Studies, American Studies Research Centre; *Knows*: English, Hindi & French; *Visited*: U.S.A. 1961-64; *Hobb:* Photography, cricket, chess & travelling; *Add:* 74/114, Dhankutti, Kanpur-1.

GUPTA, (Dr.) Ram Chandr—Head, Dept. of Pol. Sc., I.K. College, Indore since 1965; *b* 20 January 1929 at Palwal in Dist. Gurgaon; *Edn*: M.A. (Pol. Sc.) in 1950 & M.A. (Phil.) in 1954 from Agra Univ. ; Ph.D. (Harold J. Laski) in 1961 from M.S. Univ. of Baroda; *Resch Exp:* For past 10 years, guiding Ph.D. students, working on D.Litt. thesis-'The Political Ideas of Jawaharlal Nehru'; *Pub:* Books on 'Gandhian Philosophy', 'Great Political Thinkers: East & West', 'Political Philosophies of Eminent Americans', 'Socialism, Democracy & India', 'Harold J. Laski', 'Lal Bahadur Shastri: The Man & His Ideas', Who Rules a Country?', 'Youth in Ferment', 'Mahadevi Verma 'Sumitra Nandan Pant', 'Nagrik Shastra ke Siddhanta', 'Adhunik Rajnitik Vichar Dhayayan', 'Brijlal Biyani', 'Biyani mitron ke nazar men' besides 60 articles on political thought of eminent personalities of the world; *Exp*: For the past over 18 years teaching political science ; *Mem:* Society for Study of State Govts. (Varanasi); *Knows*: Hindi, Urdu, English & Sanskrit; *Hobb:* Swimming, poetry, dramatisation and also lecturing; *Add*: 42, South Tukoganj, Indore-1.

GUPTA, Ram Kishore—Lecturer, Dept. of Curriculum and Evaluation, National Institute of Education, New Delhi since September 1967; *b* 10 January 1932 at Vill. Bijwasan in Delhi; *Edn*: M.A. (Econ) in 1959 from M.U., Aligarh; M. Ed. in 1966 from C.I.E., Delhi Univ.; *Resch Exp:* For over 4 years; *Pub:* 'Readings in Basic Education' in two volumes, 'Does the Commission accept Basic Education', 'Rashtriya Vikas aur Shiksha', 'Educational Planning for national development' etc. ; *Exp:* For 9 years in primary and middle schools of Delhi; for 5 years in Hr. Secondary Schools of Delhi, for 3 years as Research Asst. in N.C.A.E.R.T.; *Knows*: Urdu, Hindi & English; *Add:* Vill. & P.O. Bijwasan, Delhi.

GUPTA, Ravinandan Lal—Asstt. Prof., Govt. P.G.B.T. College, Khandwa since December 1962; *b* 4 November 1925 at Etawah, U.P.; *Edn:* M.A. (Hindi) in 1952 & M.Ed. in 1956 from P.S.M., Jabalpur; *Resch Exp:* Guiding M.Ed. students for past 5 years; *Exp:* Govt. High School, Hoshangabad; Govt. High School, Khandwa; *Mem:* Saugar Univ. Court in 1961; *Knows*: English & Hindi; *Hobb*: Reading; *Add*: Govt. P.G.B.T. College, Khandwa.

GUPTA, (Dr.) Sat Prakash—Head, Dept. of Structural Engg., Punjab Engg. College, Chandigarh since January 1968; *b* 12 December 1928 at Jagadhri in Dist. Ambala; *Edn:* M.C.E. in 1960 & Ph.D. in 1967 from Rensseleer Poly. Institute, U.S.A.; *Resch Exp*: For 8 years; *Pub:* Limit design of two hinged circular archs; *Honours:* First in the Univ. in B.A. (Hons) and B.Sc. (Civil Engg) (Hons); *Exp:* Asstt. Engr., P.W.D., Panjab 1954; for past 14 years at Punjab Engg. College, Chandigarh; *Mem*: American Society of Civil Engineers (U.S.A.); *Knows:* German, French, English, Hindi, Urdu, Persian & Panjabi; *Visited:* U.S.A.; *Hobb*: Study of medicine and psychology; *Add:* c/o Mukandi Lal Jyoti Prasad, Panchdara Bazar, Jagadhri.

GUPTA, (Dr.) Satya Pal—Prof. & Head, Dept. of Ophthalmology, K.G. Medical College, Lucknow since 1950; *b* July 1910 at Aligarh; *Edn*: D.O.M.S. in 1936 from Royal Moorfield Eye Hospital & F.R.C.S. in 1940 from Royal Infirmary, Edinburgh; *Resch Exp*: For 22 years; *Pub*: Book on 'Text-book of Ophthalmology' besides 10 research papers; co-author of 'Diseases of the Eye'; *Exp:* Since 1940 at K.G. 's Medical College; *Mem*: President, All India Ophthalmological Society; Co-Editor, All India Ophthalmological Journals; *Knows:* English & Hindi; *Visited:* U.K., Belgium, Germany, France, Spain, Switzerland & Thailand; *Hobb*: Bridge; *Add*: Clyde Road, Opp. Shanazaf, Lucknow.

GUPTA, (Dr.) Shyam Lal—Assoct. Prof. of Chemistry, B.I.T. & S., Pilani since 1956; *b* 20 March 1931 at Korajahanabad in Dist. Fatehpur; *Edn*: M.Sc. (Chem) in 1951, Ph.D. (Electrode Phenomena) in 1956 from Agra Univ.; *Resch Exp*: for 15 years: *Pub*: About 75 papers; *Exp*: National Sugar Institute, Kanpur 1952-56; *Mem*: Indian Institute of Chemists, Royal Institute of Chemistry (London); *Knows*: English & Hindi; *Visited*: U.S.A. 1959-60, Germany 1965, Japan 1966; *Add*: Dept. of Chemistry, B.I.T. & S., Pilani.

GUPTA, Sukumar—In-Charge, Jharia Coal Survey Laboratory, since 1962 & Asstt. Director, (F.R.I.) since 1967; *b* 20 September 1913 at Hazaribagh; *Edn*: Training in 1957 with Certificate of Merit under Colombo Plan; *Resch Exp*: In the field of Mine Air, Road Dusts, Utilization of Coals, etc. ; *Pub*: Books on 'A Hand-book of Indian Coals', 'Utilization of Bermo Seam at Kargali & Dhori', besides reports, technical notes and about 30 research papers; *Exp:* Junior Chemist, Indian Lac Research Institute, Ranchi 1939-40; Chief Works Chemist, Loyabad Coke Ovens 1941-44; Chief Chemist, Indian Coal Grading Board 1944-47; since 1947 at Central Fuel Research Institute; *Mem*: Institute of Fuel (London); Mining, Geological & Metallurgical Institute of India; Central Fuel Research Institute Club; *Knows*: Hindi, Sanskrit, Bengali & English; *Visited*: U.K., France & Germany ; *Hobb*: Instrumental music & stories about mines; *Add*: Jharia Coal Survey Laboratory, Jharia, Bihar.

GUPTA, Suresh Chandra—Director, National Sugar Institute, Kanpur since June 1964; *b* 7 July 1913 at Barhapura in Dist. Bijnor; *Edn*: A.H.B.T.I. in 1935 from Harcourt Butler Technological Institute, Kanpur; F.I.I.S.T. in 1942 from Indian Institute of Sugar Technology, Kanpur; *Pub:* About 75 research papers; *Honours*: Invented the 'Defeco-Melt-Crystallisation' process for production of white sugar without the use of sulphur; awarded by the Inventions Promotion Board the Rai Sahib N.C. Kanpur Sugar Industry Cup, awarded by the Deccan Sugar Technologists Association on two occasions; *Exp*: Dy. Chief Chemist & later Chief Chemist, Saraswati Sugar Mill, Yamunanagar 1939-50; Chief Chemist, The Neoli Sugar Factory, Neoli 1952-53; Chief Chemist, U.G. Sugar Mills, Seohara, 1953-56; Chief Chemist, Behar Sugar Works, Pachrukhi, 1950-52 and 1956-58; Chief Technologist, National Sugar Institute, Kanpur 1958-64; *Mem*: Fellow of the Royal Institute of Chemistry (London), Institution of Chemists (India), Sugar Technologists Association of India (also its Vice-President); member, International Society of Sugar Cane Technologists, Indian Institution of Chemical Engineers, Deccan Sugar Technologists Association; *Genl*: Member of the Sugar Enquiry Commission appointed by the Govt. of India in 1964; ex-officio member of 18 committees of Govt. and semi-Government departments; *Knows:* Hindi & English; *Visited:* Mauritius, Denmark, W. Germany, Hungary & Italy to attend conferences etc.; *Hobb:* Gardening; *Add:* P.O. Barhanpura, Dist. Bijnor, U.P.

GUPTA, (Dr.) Vidya Nath—Dept. of Hindi, J&K Univ., Jammu since 1965; *b* 23 July 1923 at Mirpur in J&K; *Edn:* M.A. (Hindi) in 1955 & Ph.D. in 1962 from Panjab Univ.; *Resch Exp:* Ph.D. thesis on 'Nationalism in Hindi Poetry'; *Pub:* Ph.D. thesis published besides 'Mere Geet Adhure Hain' etc.; *Exp*: Govt. College, Anantnag 1955-57; Govt. H.A.H. College, Jammu 1958-65; *Mem*: Hindi Shiksha Samiti, Govt. of India for 3 years; Secy. of Managing Bodies of S.D. Higher Secondary Schools and S.D. Girls High School, Jammu; *Knows*: Hindi, Urdu, English & Sanskrit; *Hobb:* Poems, songs and stories in Hindi; *Add*: Dept. of Hindi, J&K Univ., Jammu.

GURDIP SINGH, (Dr.)—Scientist, Birbal Sahni Institute of Paleobotany, Lucknow-7; *b* 11 July 1932 at Katni in M.P.; *Edn*: M. Sc. in 1955 from Panjab Univ., Amritsar; Ph.D. in 1961 from Univ. of Lucknow & Ph.D. in 1964 from Queen's Univ., N. Ireland; *Resch Exp:* In the field of Quaternary palynology and pollen morphology; *Pub:* About 10 research papers; *Exp:* For 12 years, also guiding Ph.D. students; *Mem*: British Ecological Society (London), The Palaeobotanical Society (Lucknow); *Knows:* English, Urdu, Panjabi, German & Hindi; *Visited:* U.K., Ireland & U.S.A.; *Genl:* Currently investigator incharge of 'History of Post-Glacial Vegetation and Climate of the Rajasthan Desert, Panjab and Himachal Pradesh'; *Hobb:* Gardening; *Add:* c/o Sr. Mohan Singh, Lambra-Kangri, Dist. Hoshiarpur.

GURMUKH NIHAL SINGH—Retired Governor of Rajasthan; *b* 14 March, 1895 at Ferozepur; *Edn*: B.Sc. (Hons) in 1917 from London School of Economics & Pol. Sc.; M.Sc. in 1918 from Univ. of London & Bar-at-Law in 1919 from Middle Temple; *Resch Exp*: For 45 years 1922-68, guided research students; *Pub:* Books on 'British India and Indian States-their future Relations (1928)', 'Landmarks in Indian Constitutional & National Development 1600-1919', 'The Changing Concept of Citizenship', 'Fundamentals of Political Science & Organisation', 'The Role of State Governors in India to-day'; *Exp*: BHU 1920-39; Dept. of Commerce, Ahmedabad 1939-43; Ramjas College, Delhi 1943-50; Shri Ram College of Commerce, Delhi 1951-52; *Mem*: Indian Political Science Association (also remained its Secy., Treasurer and President), Founder-member and Vice President of Indian Institute of Public Administration, Founder member and Vice-President of Indian Council of World Affairs; member, Indian Institute of Constitutional and Parliamentary Studies; *Genl*: Speaker, Delhi State Legislative Assembly 1952-55; Chief Minister, Delhi State 1955-56; Governor, Rajasthan 1956-62; *Knows*: English, Panjabi, Hindi, French & German; *Visited*: Austria, Germany, Holland & U.K. etc.; *Hobb*: Fiction reading, attending social and literary conferences; *Add*: C-193, Defence Colony, New Delhi-3.

GURTOO, (Dr.) Dukh Haran Nath—Prof. of Economics, B.I.T.S., Pilani since 1964; *b* 15 August 1917 at Jodhpur; *Edn*: B.Sc. (Hons) in 1941 from London School of Economics & Pol. Science, London; M.A. (Econ) in 1954 & Ph.D. in 1956 from Princeton Univ.; *Resch Exp:* Hony. Director, Research Project on Productivity of Indian Sugar with special reference to Rajasthan, Haryana and Panjab sponsored by Planning Commission; *Pub*: Book on 'India's Balances of Payments 1920-60' besides 15 articles in dailies and journals; *Exp:* BHU 1945-46; Lucknow Univ. 1946-57; Delhi Univ. 1958-59; Birla Arts College, Pilani 1959-64; *Mem*: Royal Economic Society of G.B since 1943, Indian Bankers Association, Indian Economic Association; *Knows*: French, German, Hindi & English; *Visited*: U.K. 1937-41, U.S.A. 1953-56, France 1937, 1938, Germany & Europe 1938; *Genl*: Fulbright Travel Awardee 1953, Visiting Lecturer at Jiwaji Univ.; *Hobb*: Stamp collecting, mountaineering, reading biographies etc.; *Add*: Dept. of Economics, B.I.T.S,, Pilani.

GURU DATT—Reader & Head, Dept. of App. Economics, Lucknow Univ., Lucknow since July 1964; *b* 1 November 1920 at Lucknow; *Edn*: M. Com. in 1944, M.A. (Econ) in 1941 & LL.B. in 1940 from Lucknow Univ.; *Resch Exp:* For past 15 years guiding Ph.D. scholars; *Pub*: A book 'Trends in Indian Banking-Past and Present' besides two papers; *Honours:* Commissioned Officer in N.C.C. since 1949, presently a Major; *Exp*: For past 24 years in the Lucknow Univ.; *Mem*: Indian Commerce Association, Indian Road & Transport Development Association, Gen. Secy. of the Regional Camp Cttee of Bharat Sewak Samaj; *Knows:* English & Hindi: *Hobb*; Painting; *Add*: 12, Vijainagar, Lucknow.

GURU, (Dr.) Rajeshwar—Principal, Govt College, Seohore; *b* 23 July 1918 at Jabalpur; *Edn*: M.A. (Hindi) in 1943 with first position winning Gold Medal, Certificate in Linguistics in 1954 & Ph.D. (Premchand-a Study) in 1956 from Nagpur Univ; *Pub:* Books on 'Premchand-A Study', 'Jeewan Rewa', 'Jhansi ki Rani', 'Durgavati', 'Shephali' etc.; *Exp*: For past 20 years in various institutions in Madhya Pradesh; *Mem*: Connected with almost all universities of Madhya Pradesh; *Knows:* Hindi, English, Urdu & Bengali; *Hobb*: Gardening, writing and reading; *Add*: Govt. College, Seohore.

GURUSWAMY, (Dr.) S.—Scientist, CECRI, Karaikudi-3; *b* 18 February 1921 at Nagercoil in South India; *Edn*: M.Sc. (Chem) in 1942 & Ph.D. in 1944 from Bombay Univ.; M.S. (Chem. Engg.) in 1947 from Carnegie Institute of Technology, U.S.A.; *Resch Exp*: For past about 30 years in Colloids, dust flames, breakage and sampling of coal, air borne dust etc.; *Pub:* 30 research papers; has two patents to his credit; *Mem:* Associate, Royal Institute of Chemistry (London), American Association for the Advancement of Science, Indian Science Congress, Society for the Advancement of Electrochemical Science & Technology; *Knows:* English, Tamil, Hindi & Sanskrit; *Visited:* U.S.A. and U.K. for study and research; *Hobb*: Music and gardening; *Add*: 28, Second Main Road, Gandhinagar, Adyar, Madras-20.

h

HAJELA, (Dr.) Prayag Das—Reader in Economics, Allahabad Univ.; *b* 15 January 1927 at Allahabad; *Edn:* M.A. (Econ) in 1947 & D. Litt. (Problems of Monetary Policy) in 1965 from Allahabad Univ.; *Resch Exp:* Guiding research work since 1958; *Pub*: Books on Keyne's General Theory, Trade Cycles & Foreign Exchange, Problems of Monetary Policy in Under-developed Countries, Classical & Keynesian Theories of Employment, Exchange Distribution, Money & Banking besides a large number of research papers; *Exp*: Joined Allahabad Univ. in 1947; *Mem*: Academic Council, Faculty of Allahabad Univ., Society for International Development; *Visited*: UK; *Hobb*: Singing and social work; *Add*: Dept. of Economics, Allahabad Univ., Allahabad.

HAJRA, (Dr.) Bansidhar—Principal & Secy., Sreegopal Banerjee College, Magra, Dist. Hooghly since January 1963; *b* 15 August 1930 at Howrah; *Edn*: M.Sc. (Zoology) in 1952 with 2nd class first & D. Phil. (Protozoan Morphogenesis) in 1960 from Calcutta Univ.; *Resch Exp:* For over 12 years in the field of Fishery, Protozoology, Cell Biology, Cytochemistry, refractometry and interferometry; *Pub*: About 40 research papers and popular scientific articles, broadcast talks on AIR (Calcutta); *Honours*: Senior Research Fellow of C.S.I.R. 1959-62; Smith Mundt Fulbright Scholarship 1963; *Exp*: Balurghat College, W. Dinajpur; Vidyasagar College, Calcutta; Ramsaday College, Amta; S.A. Jaipuria College, Calcutta; Shibpur Dinobundhoo Institute, Howrah for 4 years; *Mem*: Indian Science Congress, Indian Association of Biological Sciences, Zoological Society, Rotary Club, Indian Association of Parasitology; *Knows*: Bengali, English, Hindi, Sanskrit & Germany; *Hobb*: Photography, music, travelling and social work; *Add:* S.B. College, Bagati, P.O. Magra, Dist. Hooghly.

HALBAR, Basavaraj Gangappa—Lecturer in Social Anthropology, Karnatak Univ. since 1967; *b* 30 April 1932 at Kittur in Dist. Belgaum; *Edn*: M.A. (Pol. Sc.) in 1960 from Poona Univ. & M.A. (Anth) in 1964 with first class first from Karnatak Univ.; *Resch Exp*: Conducted research projects on behalf of the NCERT, New Delhi; *Pub*: Papers on Caste & Educational Institutions in Mysore State etc.; *Exp*: UGC Jr. Research Fellow before joining Karnatak Univ.; *Mem:* Indian Science Congress; *Knows*: Kannada, English, Hindi & Marathi; *Hobb:* Cultural activities, participating in debates and seminars; *Add*: Dept. of Anthropology, Karnatak Univ., Dharwar-3.

HALDAR, (Dr) (Mrs) Aruna—Head, Dept. of Philosophy, Womens' College, Patna since 1954; *b* 8 May 1918 at Midnapore in W. Bengal; *Edn*: M.A. (Phil) in 1940, M.A. (Languages) in 1943 & Ph.D. (Buddhist Psychology) in 1960 from Univ. of Calcutta; *Resch Exp:* On 'Sankara & Kant' & psychological aspects of early Buddhism; *Pub*: About 40 papers on subjects like Buddhism, Indian Thought, Vivekananda, Hinduism, Bhagvadgita, Suflism and philosophy of Ramakrishna; several publications in Bengali, Hindi & Sanskrit on subjects-Versified Ramayana, Versified Mahabharata, Modern Bengali Poems etc.etc.; *Exp*: Patna Women s College 1945; Delhi Indraprastha College 1946; Patna Women's College, 1946-52 and its head since 1954; Visiting Prof. at Leningrad Univ. 1962-64 and Prague Univ.; *Mem*: Senate, Arts Faculty, Board of Studies & Text Book Cttee of Patna Univ.; Asiatic Society (Calcutta) and other educational bodies; *Genl:* Interested in phonetics and linguistics, constructive social work; *Knows:* English, Sanskrit, Bengali, Hindi, Russian, French & Tibetan; *Visited:* USSR 1962-64 to deliver lectures on Indian philosophy, Univ. of Berlin in 1964, Prague Univ. in 1964, also visited Poland, Netherland, Germany, France, UK etc.; *Hobb*: Collection of art objects; *Add:* Road No. 6, Rajendra Nagar, Patna-16.

HAMID, (Dr) Khwaja Muhammad—Dept. of Persian, Nagpur Mahavidyalaya since 1954; *b* 11 December 1912 at Jabalpur; *Edn:* LL.B. in 1939 first class first from Hitkarini Law College, Jabalpur; M.A. (Persian) in 1940, M.A. (Urdu) in 1943 & Ph.D. (Imam Bakhsh Sahbai) in 1967 from Nagpur Univ.; *Resch Exp:* For 20 years, currently working on the history of Persian language and literature in India; *Pub:* Articles on Ghalib—his date of birth, Iqbal—his philosophy etc.; *Exp*: Chhattisgarh Arts College, Raipur for 2 years; Mahakoshal Mahavidyalaya, Jabalpur for 8 years; *Mem*: Chairman, Board of Studies in Urdu and member of other bodies of Nagpur Univ.; All India Oriental Conference, All India Univ. Teachers Association, All India Muslim Educational Conference; *Knows:* Urdu, Hindi, Persian & English; *Add*: Dept. of Urdu, Nagpur Mahavidyalaya, Nagpur.

HANDA, Subhash Chander—Lecturer in Civil Engg., Univ. of Roorkee since August 1966; *b* 14 October 1942 at Jullundur; *Edn*: M.E. (Civil Engg) in 1966 from Univ. of Roorkee; *Pub*: Papers on Leaning Tower of Pisa, A Study of Quicksand Phenomenon; *Exp*: Started at Univ. of Roorkee; *Mem*: Indian National Society of Soil Mechanics and Foundation Engineering; *Knows*: Hindi, English & Punjabi; *Hobb*: Painting; *Add*: c/o Sh. B.R. Handa, E/C 297, Panj Pir, Jullundur City.

HARARAY, Manohar Ramchandra—Head, Dept. of Economics, Siddharth College of Arts & Science, Bombay—1 since 1962; *b* 9 October 1926 at Pali in Dist. Kolaba: *Edn*: M.A. (Econ) in 1951 from Univ. of Bombay; *Pub*: Elements of Economics, Currency & Banking in India, Devaluation Debacle; *Exp*: 16 years in Siddharath College; *Mem*: Board of Studies in Univ. of Bombay; *Knows*: Marathi, Hindi & English; *Hobb*: Reading, writing and swimming; *Add*: Siddharath College of Arts & Science, Bombay-1.

HARBANS SINGH—Officer-on-Special Duty (Research), Ministry of Food, Agri., Community Development & Co-operation, New Delhi since 1968; *b* 8 October 1907 at Hafizabad in W. Pakistan; *Edn*: Asso. I.D.R.I. 1931 from Indian Dairy Research Institute, Bangalore; *Resch Exp*: In the field of animal nutrition and dairy technology; *Pub*: Books on Survey of the Breeds of Cattle in India, Gopalan, Key Village Plan for Cattle Development in India, A Handbook of animal Husbandry for Extension Workers, A Digest of Common Animal Diseases in India, Basic Facts about Cattle Wealth & Allied Matters, Domestic Animals, Cattle Keeping in India, Livestock & Poultry Production, besides numerous articles and monograms; *Exp:* Khalsa College, Amritsar 1931-45; Central Agrl. College, New Delhi 1947-48; Dy. Livestock Development Adviser to Govt. of India 1947-58; Animal Husbandry Specialist, Directorate of Extension, Govt. of India 1959-67; *Mem:* I.C.A.R., Sikh Educational Cttee, Khalsa Tract Society, Hony. Jt. Secy. of Bhai Vir Singh Sahitya Sadan, Hony. Jt. Secy. of Guru Nanak Foundation; member Secy. Evaluation Cttee, Central Council of Gosamvardhana; Hony. Secy., Guru Harkrishan Public School, New Delhi; *Knows*: English, Urdu, Panjabi & Hindi; *Hobb*: Literary writing; *Add*: C—II/61, Wellesley Road, New Delhi.

HARBANS SINGH—Former Registrar, Panjabi Univ., Patiala; *b* 4 March 1921 at Kotha Guru in Dist. Bhatinda; *Edn:* M.A. (English) in 1943 from Khalsa College, Amritsar; *Pub:* Books on Mahraja Ranjit Singh, Aspects of Punjabi Literature, The Heritage of the Sikhs, Guru Gobind Singh, Higher Education in America; *Exp:* Khalsa College, Amritsar 1943-44; Brijindra College, Faridkot 1944-47; Govt. College, Muktsar 1958-62; Punjabi Univ., Patiala 1962-67; *Visited:* USA 1964 & UK 1964; *Genl:* Commissioned by the Panjabi Univ. to write a life of Guru Nanak for the Guru's 500 birthday anniversary; *Add:* c/o Prentice-Hall of India (P) Ltd., M-97, Con. Circus, New Delhi-1.

HARBHAJAN SINGH—Head, Division of Plant Introduction I.A.R.I., New Delhi-12 since September 1962; *b* 6 February 1916 at Pusa in Bihar State; *Edn*: M.Sc. (Bot) in 1938 from Agra College, Agra; Assoc. IARI in 1940 from I.A.R.I., New Delhi; *Resch Exp* : For about 30 years in the field of development of superior varieties of cereals, vegetables, fodder plants etc ; *Pub*: Over 100 scientific and popular articles; *Exp*: Joined I.A.R.I. in 1940 and held different positions; *Mem*: Indian Society of Genetics & Plant Breeding, Delhi; Agri-Horticultural Society, Horticultural Society of India; *Genl:* Varieties evolved or introduced have made a lasting impact and have increased the income of the farmers; *Knows*: English, Hindi, Urdu & Panjabi; *Visited*: Australia in 1955 under Colombo Plan; *Hobb:* Gardening, photography, plant collection and study of native flora; *Add*: Marauli Kalan, Dist. Rupar, Panjab.

HARCHARAN SINGH—Head, Additional Dept. of Medicine, Medical College, Amritsar since March 1964; *b* 15 August at Sargodha; *Edn*: D.T.M. in 1946 winning Gold Medal from School of Tropical Medicine; M.R.C.P. in 1956 from Royal College of Physicians, Edinburgh; *Pub:* About 50 papers on Internal Medicine for Rheumatology, Neurology & Endocrinology; *Exp:* Asstt. Prof. 1956-64 and Prof. since 1964 at Medical College, Amritsar; *Mem:* President, Panjab State Branch of Indian Medical Association; member, Association of Physicians of India, Indian Rheumatism Association, Rotary Club; *Genl:* Social service work in the field of medicine and general education; *Knows*: English, Panjabi & Urdu; *Visited* UK for educational & practical experience; *Add:* Dept. of Medicine, Medical College, Amritsar.

HASAN, (Dr.) Saiyid Zafar—Prof. & Head, Dept. of Socioloy & Social Work, Lucknow Univ. since 1965; *b* 5 July 1930 at Allahabad; *Edn*: M.A. in 1949, LL.B. in 1949, Dip Social Work in 1950 from Lucknow Univ.; M.S. in 1955 & Ph.D. in 1957 from Columbia Univ., USA; *Resch Exp*: For 17 years; *Pub*: One book, two research reports and 25 articles and papers; *Exp*: For last 16 years at Lucknow Univ.; *Knows*: Hindi, Urdu, English & Persian; *Visited*: USA; *Add*: Dept. of Sociology & Social Work, Lucknow Univ., Lucknow.

HASHMI, (Dr) Nurul Hasan—Head, Dept. of Persian & Urdu, Lucknow Univ. since 1961; *b* 1 July 1913 at Sandila in Dist. Hardoi; *Edn*: M.A. (English) in 1935 from Lucknow Univ.; M.A. (Urdu) in 1939 Ph.D. (Urdu) in 1944 from AMU; M.A (Persian) in 1945and D. Litt. (Urdu) in 1958 from Lucknow Univ.; *Pub:* Books on Dilli ka Dabistan-e-Shairi, edited Kulliyat-e-Wali, Nau Tarze-e-Murassa; written Ek Nadir Koznamcha, Adab ka Maqsad, Adab Kya Hai, Novel Kya Hai, also edited Bikat Kahani, Kulliyat-e-Hazrat Dehlavi etc. etc.; *Honours*: Throughout first class; *Exp:* Research Asstt., AMU 1941-43; Dilli College, Delhi 1944-45; at Lucknow Univ. since 1945; *Mem:* Patron of Urdu & Persian Society, and Id-e-Milad Cttee; *Genl:* Received cash awards from UP Govt. for his several books; *Knows*: Urdu, English & Hindi; *Add*: Dept. of Urdu, Lucknow Univ , Lucknow.

HAZARI, Captain Durgadas Gehisingh—Captain Supdt., Training Ship Dufferin, Bombay—10 since September 1962; *b* 3 December 1916 at Patna; *Edn:* Certificate of Competency Examination as MASTER (Foreign Going) in July 1944 conducted by Govt. of India, Ministry of Transport & Shipping; *Honours*: M.I., Mar. Tech.; *Exp:* Executive Officer 1943-50, Chief Officer 1950-54 on T.S Dufferin, Bombay; Capt. Supdt., T.S. Nau Lakshi 1954-59; Capt. Supdt., T.S. Bhadra 1959-62; *Mem*: Company of Master Mariners of India, Sea Cadets Council, Merchant Navy Training Board; *Genl*: Served in World War II during 1939-43; *Knows:* English, Hindi & Sindhi; *Hobb:* Sailing boats; *Add*: T.S. Dufferin, Off Mazagaon Pier, Bombay-10.

HEGDE, V. Ravivarma—Assoct Prof. & Head, Dept. of Physiology, Mysore Veterinary College, Bangalore since 1960; *b* 2 September 1919 at Vonthibettu Hiriadka in S. Kanara Dist.; *Edn*: P.G. Training in 1955 from I.V.R.I., Mukteswar; M.S. (Animal Physiology) from Kansas State Univ., USA; *Resch Exp*: For 12 years in Animal Physiology; *Pub*: Several papers on Blood Urea in Dogs, Dehydration in Dogs, Pregnancy in Mares etc.; *Exp*: Madras Veterinary College, Madras; *Knows*: Tamil, English & Kannada; *Visited*: USA ; *Hobb:* Gardening; *Add:* Dept. of Physiology, Mysore Veterinary College, Bangalore-24.

HIREMATH, (Dr) Rudrayya Chandrayya—Prof. & Head, Dept. of Kannada, Karnatak Univ. since 1957; *b* 15 January 1920 at Kurudigi in Dist. Dharwar; *Edn*: M.A. (Kannada) in 1945 with first class first from Bombay Univ. & Ph.D. (Linguistics) in 1955 from Karnatak Univ.; *Resch Exp*: For about 25 years; *Pub*: The Structure of Kannada and several other books; *Exp*: Basaveshar College, Bagalkot 1945-51, at Karnata Univ. since 1951; *Mem*: Linguistic Society of India, Institute for Advanced Study (Simla), Sahitya Akademi (New Delhi): *Knows*: English, Sanskrit, Kannada, Marathi & Tamil; *Visited*: USA & UK; *Add*: Dept. of Kannada, Karnatak Univ., Dharwar.

HORE, Surajit Kumar—Founder Principal, Jalpaiguri Polytechnic Institute, Jalpaiguri, since October 1966; *b* 3 March 1933 at Jamshedpur in Dist. Singhbhum; *Edn*: B.E.E. in 1955, with first class, from Jadavpur Univ., Calcutta; *Pub:* On Change in Conductor Resistance underground Telephone Cables' etc.; *Exp:* Short Training in T.I.S. Co., Jamshedpur; M/s Hindustan Cables Ltd., Rupnarayanpur; *Mem*: Red-Cross Society, Secy. Governing Body of Jalpaiguri Polytechnic Institute & J.T.S. : *Knows*: English, Bengali & German; *Add:* Jalpaiguri Polytechnic Institute, Jalpaiguri, W.B.

HOTA, (Dr.) Bharat Chandra—College of Agri., Orissa Univ of Agri. & Technology, Bhubaneswar; *b* 3 April 1930 at Lupersingha in Dist. Sambalpur; *Edn:* M.Sc. (Agri) in 1960 from I.A.R.I., New Delhi; Ph.D (Farm Management & Production Economics) from Univ. of Missouri, USA; *Pub*: 'Export Potential of Cotton and Cotton Textile Goods from India'; *Exp*: Field experiences in Farm on research and extension for 6years; *Mem*: American Farm Economists Association; *Knows:* Oriya, English, Hindi, Sanskrit, German, Bengali, Urdu & Panjabi etc; *Visited* USA for Ph.D. work; *Add:* College of Agri., Bhubaneswar-3.

HOWARD, (Dr.) Arthur W.—Principal, Christian College of Physical Education Lucknow since 1944; *b* 10 October 1912 at Cedar Rapids, Iowa, USA; *Edn*: M.A. (Edn) in 1941 & Ph.D. in 1952 from Univ. of Michigan, USA; *Resch Exp:* Worked on Govt. of India first physical education syllabus and revised the national fitness corps syllabus; *Pub:* Numerous articles on physical education, athletics, basketball and swimming; *Honours*: LL.D. in 1959 from Taylor Univ., *Exp*: Jefferson TWP High School, Upland, Indian, USA; Taylor Univ., USA; Huntington College, USA; Huntington YMCA & CAMP Dick Runyan, USA; National Institute of Sports, Patiala; *Mem:* Phi Delta Kappa, Phi Epsilon Kappa, U.S Track Coaches Association, Central Advisory Board for Physical Education and other bodies; *Knows*: English, French & Hindustani; *Visited*: USA 1958-59 and 1964-65; *Genl*: Coach to Indian sports teams on Commonwealth & Asian Games; *Add*: c/o W.D. Board of Missions of the Methodist Church, 475, Riverside Drive, New York, USA.

HUSAIN, S. Ehtesham—Head, Dept. of Urdu, Univ. of Allahabad since November 1961; *b* July 1912 at Mahul in Dist. Azamgarh; *Edn*: M.A. (Urdu) in 1936 winning Empress Victoria Gold Medal, from Univ. of Allahabad; *Resch Exp:* Guided numerous scholars and carried research; *Pub*: 20 books and many papers; some books—Tanqidi Jaeze, Rawayet aur Baghawat, Tanqid aur Amali Tanqid, Aks aur Aaena, Zauqe Adab aur Shaoor, Afkar-o-Masael Etbar-i-Nazar, Sahil aur Samundar, Urdu Sahitya ka Itihas etc.; *Honours*: Awarded several medals and prizes throughout academic career; *Exp:* Lucknow Univ. 1938-61; *Mem*: Sahitya Academi, Hindustani Academy, Anjuman Taraqi Urdu; *Knows*: Urdu, Hindi, Persian & English; *Visited* USA, UK and France 1952-53; *Add*: Dept. of Urdu, Univ. of Allahabad, Allahabad.

HUSAIN, (Dr.) Iqbal—UGC Prof. of Persian, Patna Univ. since 1967; *b* 22 November 1905 at Patna; *Edn*: M.A. (Persian) with first class first from Patna College, Patna; B.L. in 1929 from Patna Law College, Patna; Ph.D. from Patna Univ. ; *Resch Exp*: Research Scholar during 1932-35; guiding research students; *Pub*: Edited Tuhfa-i-Sami, The Early Persian Poets of India, Chandra Bhan Barahman and Bihar through the Ages; *Honours*: Patna Univ. Prizeman & Gold Medalist; *Exp*: Ravenshaw College, Cuttack for 1 year; for 21 years at Patna College of Patna Univ. ; *Mem*: Art Purchase Sub-Cttee of Govt. of India, Indian Council for Cultural Relations; member of several Univ. bodies; Member Bihar

Public Service Commission; Principal, Patna College, Patna during 1960-61; Director, Khuda Baksh Oriental Public Library 1965-67; President, Bihar State Madarsa Examination Board; *Knows*: English, Persian, Urdu & Hindi; *Visited*: Saudi Arabia in 1967; *Add*: Exhibition Road, Patna.

HUSSAIN, (Dr) Syed Shariatullah—Principal, Kakatiya Medical College, Warangal since July 1965; *b* 3 February 1918 at Kotakatur in Dist. Guntur; *Edn*: MBBS in 1941 & M.S. in 1953 from Andhra Medical College, Vishakapatnam; *Pub:* Numerous articles on study of Peptic Ulcer, Gastric secretion, Carcinoma of lower of Oesophagus, Osteaclastoma of Calcaneum; *Exp*: Osmania Medical College, Osmania General Hospital, Hyderabad; *Mem*: Association of Surgeons of India, Indian Medical Association, Indian Society of Gasteroenterology, Indian Association for the Advancement of Medical Education; *Knows*: English, Telugu & Urdu; *Add:* 16-9-457-A, Old Malakpet, Hyderabad-36.

HUZURBAZAR, (Dr) V.S.—Head, Dept. of Mathematics & Statistics, Univ. of Poona since August 1953; *b* 15 September 1919 at Kolhapur; *Edn*: M.A. (Maths) in 1942 with first class first and winning Chancellor's Gold Medal from BHU; Ph.D. in 1949 from Cambridge Univ., UK; *Resch Exp*: In the field of probability theory and mathematical statistics; *Pub:* About 30 research papers and books on A Socio-Economic Sample Survey of College Students in Poona City 1955-56, What is Mathematics etc.; *Honours*: Awarded Adams Prize of Cambridge Univ. for outstanding works; *Exp:* Rajaram College, Kolhapur 1943-46; Bureau of Economics & Statistics, Govt. of Bombay 1950-52; Reader, Gauhati Univ. 1949-50; Reader, Lucknow Univ. 1952-53; *Mem:* Fellow of National Institute of Sciences of India, Indian Academy of Sciences, Royal Statistical Society, Cambridge Philosophical Society; member of American Mathematical Society, Institute of Mathematical Statistics, Indian Mathematical Society, Indian Statistical Institute, Indian Society of Agricultural Statistics, member of several Govt. of India and UGC Committees; *Knows*: English, Marathi, Hindi, Sanskrit & French; *Visited:* UK 1946-49, USA 1962-64, Canada 1963 for higher education; *Add:* Dept. of Maths. & Stats., Univ. of Poona, Poona-7.

HYE, Mohammad Abdul—Lecturer in History, Anandaram Dhekial Phookan College, Nowgong since January 1965; *b* 1 January 1926 at Alitangani in Dist. Nowgong; *Edn*: M.A. (History) in 1948 & LL.B. in 1948 from AMU; *Exp:* Nowgong College, for 17 years as Head of the Dept. of History; *Mem*: Gauhati Univ. Court; Vice-President, Nowgong District Sports Association, Genl. Secy. of sports events in 1963 and 1965; *Knows*: English, Assamese, Bengali, Hindi & Urdu; *Hobb*: Games, sports, reading books and journals; *Add:* A.D.P. College, Nowgong.

i

INAMDAR, (Mrs) Alaka Hemant—Lecturer in Home Science, SNDT Women's College at Poona since 1955; *b* 25 November 1929 at Poona; *Edn:* M.A. (Marathi) in 1953, B.T. in 1955 from SNDT College for Women, Poona; *Pub*: Matru—Kartavye (A text book in Marathi) and 'Report on the Workshop of Home Science Students'; *Exp*: Started at SNDT Women's College, Poona; *Mem*: Home Science Association of India; *Knows*: Marathi, Hindi & English; *Visited*: USA 1959-60 for training; *Add*: Dept. of Home Science, SNDT Women's College, Poona.

INDRA DEVA, (Dr)—Head, Dept. of Sociology, Univ. of Jodhpur since July 1966; *b* 12 August 1932 at Hardoi in U.P.; *Edn*: M.A. (Econ) in 1953 & Ph.D. (Socio) in 1958 from Lucknow Univ.; *Resch Exp*: Conducting research on folklore culture, rural sociology and social change; guiding Ph.D. students; *Pub:* About 20 papers, many translated in German, French, Spanish etc.; books on Towards Sociology of Culture for India, Sociology for India, Bhartiya Samaj; *Exp*: D.A.V. College, Lucknow 1956-58; Univ. of Gorakhpur 1958-61; Univ. of Rajasthan 1961-66; *Mem*: Executive Cttee of Indian Sociological conference and Asian Folklore Society, Bloomington; Advisory Board of Institute of Asian Studies; Expert Cttee of Commission for Scientific Technical Terminology, Govt. of India; *Visited:* W. Germany, France & USA in 1966; *Add*: Dept. of Sociology, Jodhpur Univ., Jodhpur.

IQBAL, (Dr) Sheikh Mohamad—Principal, Govt. G M. Science College, Jammu since January 1968; *b* 1 March 1925 at Bhadarwah in J&K; *Edn*: Ph.D. (Chem) in 1959 from Univ. of London; *Pub*: Papers on organic sulphur compounds; *Exp:* For past 20 years at Govt. College, Jammu; *Knows:* English, Urdu & Kashmiri; *Visited*: UK, France & W. Germany; *Add:* Govt. G.M.Sc. College, Jammu.

ISHAQUE, S. M.—Principal, Ranchi College of Vety. Science & Animal Husbandry, Kanke, Ranchi since March 1963; *b* 30 June 1913 at Gaya; *Edn*: Fellow of Royal Veterinary College, Sweden, in 1955; *Resch Exp*: For 22 years; *Pub*: About 20 papers on subjects like Incidence of Trichomiases in Bihar, Successful Caesarian Section in a Cow, Case of Perinial Hernia, Multiple birth in Cattle etc.; *Exp:* Prof. of Surgery 1946-53, of Gynaecology 1958-63 at Bihar Veterinary College, Patna; *Mem:* Senate, Academic Council, Examination Board, Faculty, Board of Studies of Ranchi Univ.; *Genl*: Member of Indian National Army at Germany, actively participated in Indian freedom movement; *Knows*: Hindi, Urdu, English, Germany, French, Persian & Arabic; *Visited:* Throughout Europe 1939-45 as member of British Expeditionary Force in France; Sweden, Denmark, Norway & France 1954-55; also Holland, Italy, Germany & Switzerland; *Add*: Ranchi College of V.S. & A.H., Kanke, Ranchi—7.

ISHWARCHANDRA, (Dr.)—Prof. of Ophthalmology, Medical College, Nagpur since September 1960; *b* 13 July 1922 at Shujabad in Dist. Multan; *Edn*: MBBS in 1950 from Lake Medical College, Calcutta; D.O. in 1956 from Medical College, Nagpur; M.S. in 1958 from Medical College, Lucknow; *Pub*: Several papers on subjects like Treatment of Trachoma, Optice Neuritis, Tumour of the Conjunctiva, Lachrimal gland Tumours, Papilloedema, Dianabol etc.; *Exp*: Joined Medical College, Nagpur in 1952 and held different positions; *Mem*: All India Ophthalmological Society of India; *Knows*: English, Marathi, Hindi & Panjabi; *Add*: Medical College, Nagpur.

IYER, Musiri Subramania—Retired; *b* 9 April 1899 at Musiri in Dist. Tiruchi; *Edn:* Received training from Sarvshri Namakkal Narasimha Iyengar, Sangita Kalanidhi Karur Chinnaswami Ayyar & Sangita Kalanidhi T.S. Sabhesa Ayyar; *Honours:* Sangita Kalandihi, Isai Perarignar, Palace Vidwan (Trivandrum), Devasthana Vidwan (Tirupathi), President Award in 1957, Sangeet Natak Akademi Fellowship Award in 1968; *Exp:* Principal, Central College of Karnataka Music, Madras; Dean, Faculty of Fine Arts, Univ. of Kerala; Teacher of advanced students in Music; *Genl:* Authority on Thyagaraji; initiator of style known as Musiri style and title role played in film Tukaram; *Knows:* Tamil, English & Malayalam; *Visited:* Malyä and Ceylon on concert tours; *Add:* 18, Oliver Road, Mylapore, Madras-4.

IYER, (Dr.) P.V. Krishna—Prof. & Head, Dept. of Maths., Panjab Univ. since April 1967; *b* 23 June 1909 at Trichur in Kerala; *Edn:* M.A. in 1932 with first class first from Univ of Madras; D.Phil in 1948 from Univ. of Oxford; *Resch Exp:* In the field of application of statistics in biological sciences; *Pub:* 80 research articles; *Exp:* Statistician at I.A.R.I. 1933-48; Prof. of Statistics, I.C.A.R 1948-52. Sr. Scientific Officer in Defence Science Laboratory, Delhi 1952-60; Visiting Prof. to American Univ. of Beirut 1959-60; Principal Scientific Officer 1960-63; Prof., Panjab Univ. 1964-67 and Head of Dept. since 1967; *Mem:* Fellow of National Institute of Sciences of India, Sectional President in Statistics of Indian Science Congress in 1963; *Knows:* Tamil, Malayalam, Hindi & English; *Visited:* UK & Lebanon; *Hobb:* Astronomy & astrology; *Add:* Dept. of Maths., Panjab Univ., Chandigarh-14.

IYER, (Dr.) V. Ganapathy—Head, Maths. Dept., Annamalai Univ. since 1950; *b* 10 November 1906 at Calicut; *Edn:* B.A. (Hons) in 1927 from Presidency College, Madras, D.Sc. in 1938 from Madras Univ.; *Resch Exp:* For over 35 years; *Pub:* articles in reputed journals; *Exp:* Since 1934 at Annamalai Univ.; *Mem:* Indian Mathematical Society and its President during 1957-58; *Knows:* English, Malayalam, French & German; *Add:* Dept. of Maths, Annamalai Univ., Annamalainagar, (S.I.)

S.C.E.R.T., West Bengal
Library
Calcutta
25/3, B. C. Road

j

JADEJA, (Dr.) Dilavarsinh Dansinh—Principal, New Arts College, Vallabh Vidyanagar since June 1967; *b* 5 September 1933 at Pipalia, in Dist. Rajkot; *Edn*: M.A. (Gujrati) in 1956 from Gujrat Univ. & Ph.D. in 1965 from M.S. Univ. of Baroda; *Resch Exp*: Guide for Ph.D. scholars; *Pub*: Book on 'Madhyakalin Gujrati Sahityanun Rekhadarshan' & 'Kavya Madhu' besides about 50 research papers and articles on literary criticism; *Exp*: V.P. College, N. & A. Arts College, both at Vallabh Vidyanagar; *Mem*: Senate, Faculty of Arts, Board of Studies in Gujrati of S.P. Univ.; Council of Gujarati Sahitya Parishad; *Genl*: Actively interested in student activities during student days; *Knows*: Gujarati, Hindi & English; *Hobb*: Reading, travelling and sports; *Add*: Govind Bhavan, Saurashtra.

JADHAV, (Dr.) Ganpat Rao Vishramrao—Retired Prof. of Chemistry; *b* 12 April 1900 at Baroda; *Edn*: M.Sc. (Org. Chem.) in 1926 from Baroda College & Ph.D. in 1937 from College of Technology (Manchester) with Patuk Prize; *Pub*. Over 100 research papers in scientific journals; *Honours*: Awarded by UGC under Retired Teachers Scheme for 3 years; *Exp*: Institute of Science, Bombay 1924-35, 1942-44 and 1950-55; Gujarat College, Ahmedabad 1938-39; Ismail Yusuf College, Bombay 1939-42 and 1944-47; Karnatak College, Dharwar 1947-50; D. E. Society's Kirti College, Bombay 1956-68; *Mem*: Fellow of Indian Chemical Society, Academy of Sciences, Associate of the Royal Institute of Chemistry (London), Indian Science Congress; *Knows*: Marathi, Gujarati and English; *Visited*: UK 1935-37; *Hobb*: Reading and research; *Add*: Subhadra Sadan, Block 3, Gokhale Road (North), Dadar, Bombay-28.

JAGADISHCHANDRA, K. S.—Lecturer in Botany, Mysore Univ., Mysore since 1965; *b* 2 March 1936 at Kunigal in Tumkur Dist.; *Edn*: M. Sc. in 1960 from Central College, Bangalore; *Resch Exp*: For five years in the field of Cytology of grasses in South India; *Pub*: Two articles read at Science Congress and a few published in journals; *Exp*: St. Joseph's College, Bangalore 1959-60; Yuvraja's College, Mysore 1960-65; *Mem*: Indian Science Congress, International Society of Tropical Ecology, Indian Society of Cytology & Genetics; *Knows*: English, Kannada & Hindi; *Hobb*: Gardening, plant collection, readings about science; *Add*: Dept. of Botany, Mysore Univ., Mysore.

JAGANNADHAM, (Dr.) Vedula—Prof. of Sociology & Social Admn., I.I.P.A., New Delhi since 1958; *b* 29 November 1918 at Kakaraparru in W. Godavary; *Edn*: M.A. (Pol. Sc.) in 1939 with first class first from Andhra Univ., B.L. in 1941 and M. Litt. (Social Legislation in India) in 1944 from Madras Univ.; LL.D. (Social Insurance in India) in 1954 from Amsterdam Univ.; *Resch Exp*: For 20 years; *Pub*: Books on Social Insurance in India, Social Welfare Organisation, Citizen & Administration in a Developing Democracy, Appeal Procedures under the E.S.I. Act besides several papers and reports; *Exp*: Andhra Univ. 1945-57; *Mem*: U.G.C. Cttee on Social Work Education, Education Admn, Cttee of Education Commission, I.I.P.A., Indian Sociological Society, Council for Social Development; *Knows*: English, Telugu, Hindi & French; *Visited*: Netherlands, U.S.A., U.K., France, Germany, Switzerland, Sweden & Thailand on study tours; *Add*: I.I.P.A., Indraprastha Estate, New Delhi-1.

JAGANNATHAN, (Dr.) Singanallur Narayana Ayyar— Nutrition Research Laboratory, Hyderabad-7; *b* 10 March 1934 at Coonoor, Dist. Nilgiris; *Edn:* M.Sc. (Nutrition) in 1959 from Nutrition Research Labs., Coonoor, Ph.D. in 1962 from Nutrition Research Labs., Hyderabad; *Resch Exp:* For 12 years on 'Vitamin A metabolism', 'Liquid biochemistry' etc.; *Exp*: for past 3 years; *Mem*: Nutrition Society of India; *Knows*: English, Tamil, Hindi & French; *Visited*: Canada & U.S.A.; *Add:* Nutrition Research Lab., Hyderabad-7.

JAGDAMBA PRASAD—Director, Refresher & Special Courses Dept., Roorkee Univ. since 1966; *b* 7 October 1909 at Lucknow; *Edn:* Dip. R.T.C. (Glasgow) in 1934 from Royal Technical College, Glasgow; *Exp*: Chief Engineer of a Sugar Factory for 5 years, teaching experience of 30 years at Engg. College, Banaras; Thomson College, Roorkee; Dean, College of Agri. Engg., Pant Nagar (1964-66); *Visited*: U.K. & W. Indies; *Add*: Roorkee Univ., Roorkee.

JAGDISH NARAIN — Retired Chief Engineer & Prof. & Head, Water Resources Development Centre, Roorkee Univ. since September 1967; *b* 29 July 1907 at Sherkot in Dist. Bijnor; *Edn*: C. E. in 1931 from Thomson Civil Engg. College, Roorkee; *Pub*: Role of Silt in Regime of Rivers; *Exp*: Worked as Irrigation Engineer in U.P. for 35 years and was appointed Chief Engineer in 1962; was responsible for design and construction of many important irrigation and power schemes including Ramganga Project with the highest earth and rockfill dam in India; *Mem*: Institution of Engineers (India), Indian National Society of Soil Mechanics & Foundation Enginers, Indian Society of Engineering Geology; *Visited*: France, U.K., U.S.A., Japan & Pakistan to study dams and tunnels under construction; *Knows*: English & Hindi; *Add*: C-11/7, River Bank Colony, Lucknow-1.

JAI PRAKASH (Dr.) — Asstt. Prof. of Psychology, Univ. of Saugar since 1958; *b* 3 August 1930 at Jaunpur; *Edn*: M.A. (Phil) in 1950 from Allahabad Univ.; M.A. (Psy) in 1952 from BHU, D. Phil (Psy) in 1952 from Allahabad Univ.; Sahitya Ratna (Darshan) in 1952 from Sahitya Sammelan; *Resch Exp*: Working for D. Litt., several students have received their Ph.D. under him, supervised 14 short research projects; working on 'causes of frustration and unrest among students'; *Pub*: Books on 'An Introduction to Experimental Psychology', 'A Primer of Indian Logic', 'A Guide to Social Psychology', 'An outline of Ethics', 'General Psychology' besides about 30 research papers and project reports; *Exp*: K. P. College, Allahabad 1950-54; D.A.V. College, Kanpur 1954-58; *Mem*: International Council of Psychologists (France), Indian Science Congress, Akhil Bhartiya Darshan Parishad besides various Univ. bodies in Saugar & Agra Universities; *Knows*: Hindi, English, Urdu & Sanskrit; *Hobb*: Travelling and photography; *Add*: Dept. of Psychology, Saugar Univ., Sagar.

JAIN, Abhai Kumar—Lecturer in Civil Engg., Univ. of Roorkee since 1966; *b* 13 December 1941 at Faridkot; *Edn:* M.E. (Hydraulics, Dam Design & Irrigation Engg) in 1966 from Univ. of Roorkee; *Resch Exp*: On 'Self formed channels'; *Pub*: Two papers besides discussions etc.; *Exp:* Irrigation Dept. & Public Health Dept. of Panjab Govt. Works Dept.; Construction Division of the Roorkee Univ.; Senior Fellow, Univ. of Roorkee 1963-66; *Mem:* Univ. of Roorkee Staff Association; *Knows*: English, Hindi & Panjabi; *Hobb:* Painting in water and oil colours; *Add:* A.K. Jain, c/o Shri Gurbachan Lal Jain, Old Jail Road, Faridkot.

JAIN, (Dr.) Abir Chandra—Head, Dept. of Plant Pathology, J.L.N. Krishi Vishwa Vidyalaya, Jabalpur since 1958; *b* 13 August 1922 at Vill. Tada in Dist. Sagar; *Edn:* Assoc. I.A.R.I. in 1949, first class first, from I.A.R.I. New Delhi; Ph.D. in 1958 from Macdonald College of McGill Univ., Montreal, Canada; *Resch Exp:* For past 25 years; *Pub:* About 30 research papers; *Exp*: I.A.R.I., New Delhi; Agrl. Research Institute, Nagpur; Agriculture College, Nagpur; Agrl. Research Institute, Gwalior; Agrl. Research Institute & Agri. College, Jabalpur; *Mem*: Indian Phytopathological Society, editor of JNKVV Research Journal; *Knows:* English, Hindi & German; *Visited:* Canada & England; *Add:* Dept. of Plant Pathology, J.L. N. Krishi Vishwa Vidyalaya, Jabalpur.

JAIN, (Dr.) Amolak Chand—Reader in Physiscs, Delhi Univ.; *b* 27 December 1928 at Delhi; *Edn*: M.Sc. (Chem) in 1950 & Ph.D. (Org Chem) in 1954 from Delhi Univ; Ph.D. in 1958 from Cambridge Univ. & D.Sc. in 1967 from Moscow Univ.; *Resch Exp:* For over 15 years; *Pub:* 70 papers in the field of Chemistry of organic natural products; *Honours:* Senior Fellowship by N.I.S.I. 1958, Overseas Scholarship by Govt. of India 1955 & Unesco Fellowship to study in USSR 1966; *Exp*: Since 1950 teaching in the Delhi Univ.; *Mem*: Indian Chemical Society, Indian Science Congress, Indian Association of Biological Chemists, Chemical Society (London); *Knows:* Hindi, English & Russian; *Visited*: U.K., France, Holland, W. Germany, Switzerland, Italy, Egypt & U.S.S.R.; *Add:* Dept. of Physics, Delhi Univ., Delhi-7.

JAIN, (Dr.) Anand Prakash— Editor of 'Prag' since 1960; *b* 15 August 1927 at Shahpur in Dist. Muzaffarnagar; *Edn*: Matriculate in 1945 from S.D. College, Muzaffarnagar; *Resch Exp:* On Possibilities of historical fiction in Hindi tracking the course of Indian historical progress through the ages; *Pub*: Over 130 booklets on adult education; Kathputli ke Dhage, Teesra Netra, Palmon ki Dhhal, Kunal ki Aankhen, Ateet ke Kampan, Kaal ke Pankh, Aate ke Sipahi, Lal Panne, Iti aur Haas, about 300 short stories with different background; *Honours*: First Prizes from different story magazines; two prizes from U.P. Govt. on 'Jildbandi Seekho' & 'Vatika Banana Seekho'; *Genl:* Examiner of children books submitted to Govt. of India, 2 years imprisonment for participation in Quit India movement; *Knows:* Hindi, English & Urdu; *Hobb*: Story—writing, mechanical titbits and photography; *Add*: Editor of Prag, c/o The Times of India, P.B. 213, Bombay-1.

JAIN, Bal Chandra—Principal, Mahasamund College, Mahasamund since 1966; *b* 15 October 1924 at Sagar; *Edn*: M.A. (Phil) in 1949 & Ph.D. from BHU; *Pub*: Books on Darshan Shastra ki Rooprekha & Nyaya Shastra ki Rooprekha; *Exp:* Lecturer, Hitkarini Degree College, Jabalpur 1949-50; Lecturer 1950-54 & Asstt. Prof. 1954-64 at S.B.R.P.G. College, Bilaspur; Principal, Degree College, Sakti, Bilaspur 1965-66; *Mem*: Board of Studies, Court of Saugar Univ., Board of Studies of R. S. Univ.; *Genl*: Under detention from 1942 to 1945 for participation in Quit India movement; Propaganda & Publicity Secy. of Students Congress 1945-47; Secy. of Regional Camp and Youth Cttee of Bharat Sevak Samaj, Bilaspur 1954-64; Member of Dist. Sarvodya Board; *Knows:* Hindi, English & Sanskrit; *Visited*: Exchange visits to U.K., France, Germany, Austria, Denmark, Belgium. Greece, Yugoslavia & Italy in 1962 to study youth welfare centres; *Hobb*: Book-reading and writing; *Add:* Vill. Kadvan, Tehsil Banda, M.P.

JAIN, Basant Lal—Principal, A.N.S. Jain Inter College, Sardhana since April 1965; *b* 2 February 1926 at Moradabad; *Edn:* M.A. in 1957 from Meerut College, Meerut; *Pub*: Translated in Hindi the books—'Public Economics', 'Public Administration', 'Public Finance' etc.; *Exp*: For past 15 years at A.N.S Jain Inter College; *Mem*: Associate of the Institute of Jain Philosophy (Delhi); *Knows*: Hindi, English & Sanskrit; *Hobb*: Writing; *Add*: A.N.S. Jain Inter College, Sardhana.

JAIN, (Dr.) Bhag Chandra—Head, Dept. of Pali & Prakrit, Nagpur Univ. since 1965; *b* M.A. (Sanskrit) in 1960 & M.A. (Pali) in 1962 from BHU; Acharya in Sanskrit Sahitya in 1962 from Varanaseya Sanskrit Vishwavidyala, Varanasi; Sahitya in Hindi in 1961 from Hindi Sahitya Sammelan, Prayag; M.J. Ph. in Jainism in 1961 from Jain Parishad, Delhi; Ph.D. (Pali & Budhism) in 1966 from Vidyodaya Univ. of Ceylon; *Resch Exp*: For last 8 years; *Pub*: About 30 articles on Budhism, Jainism and other religious subjects; *Honours*: Conferred 'Vidya Vachaspati' by the Jain Parishad; *Exp*: At Nagpur Univ. for last 3 years; *Mem*: Board of studies, Univ. Court & Academic Council of Nagpur Univ.; *Knows*: Sanskrit, Pali, Prakrit, Hindi, Marathi, Gujarati, English & Sinhalese; *Visited*: Ceylon; *Hobb*: Social work and writing; *Add*: c/o Shah Duli Chand Nahar, Katara Bazar, Saugar, M.P.

JAIN, Chhogmal—Principal, N.M. Degree College, Sendhwa since 1967; *b* 12 April 1928 at Raipur in Rajasthan; *Edn*: M.Com. in 1951, M.A. (Econ) in 1956 & LL.B. in 1953 from Agra Univ.; Sahitya Ratna (Hindi) in 1948 from Hindi Sahitya Sammelan, Prayag; *Pub*: on 'Management Features on Co-operation', 'Business Methods—Notes' and Jt. Editor of Shraman Sanskriti; *Exp*: P.G.V. Inter College, Gwalior for 5 years; P.M.B. Gujarati College, Indore for 10 years; *Mem*: Senate, Academic Council, Board of studies in Commerce, Faculty & Sports Cttee of Vikram Univ.; *Genl*: Founder member of M.B. Hindi Sahitya Sabha, Gwalior; Founder Secretary of Janhit Sahkari Sanstha 1960-64; *Knows*: Hindi, Marathi, Gujrati, English, Urdu & Bengali; *Hobb*: Swimming, volleyball and bridge; *Add*: N.M. Degree College, Sendhwa, M.P.

JAIN, (Dr.) Gian Chand—Head, Dept. of Urdu, J&K Univ., Jammu since 1965; *b* 4 February 1927 at Seohara in Dist. Bijnor; *Edn:* M.A. (Urdu) in 1943, first in Univ. & D. Phil. in 1948 from Allahabad Univ.; M.A. (Sociology) in 1954 & D. Litt. (Urdu) in 1960 from Agra Univ.; *Resch Exp*: For past 15 years guiding research scholars; *Pub*: Urdu ki Nasri Dastanen, Tahreeren besides 80 articles; *Exp*: Hamidia College, Bhopal for 15 years; *Mem*: Presided over the Research Section of the All India Univ. Urdu Teachers Conference in 1967; Member of Anjaman Taraqee- Urdu, Executive Cttee of Univ. Urdu Teachers' Association; Chairman of the 100—men Ghalib Centenary Cttee of Jammu Division; *Knows*: Urdu, Hindi, English & Persian; *Hobb*: Flower gardening; *Add*: Urdu Dept., J&K Univ., Jammu.

JAIN, Govind Chand—Head, Ancient Indian History, Culture & Archaeology, J.L.N. Mahavidyalaya, Deori-Kalan; since 1964 *b* 22 September 1938 at Deori Kalan, M.P.; *Edn*: M.A. (History) in 1962 from Univ. of Saugar; *Resch Exp*: In Stone--age culture of Saugar Dist.; *Exp*: Attended Archaeological excavations of Erah in 1962-64 as Supervisor under Saugar Univ.; *Mem*: Attended several historical and archaeological Confernces throughout India; *Add*: J.L.N. Mahavidyalaya, Deori-Kalan, Sagar.

JAIN, (Dr.) Hari Mohan—Lecturer in Pol. Sc., Allahabad Univ., Allahabad since July 1953; *b* 4 July 1932 at Saharanpur; *Edn*: M.A. in 1953 with first class first & D. Phil. in 1966 from Univ. of Allahabad; *Resch Exp*: Guiding research scholars; *Pub*: Books on 'Right to Property under the Indian Constitution' and 'Union Executive in India' under print besides 5 books already published; numerous articles; *Exp*: In Allahabad Univ. since 1953; on deputation with Indian Aid Mission in Nepal 1959-62; Warden of Hostel; *Knows*: English, Hindi & Urdu; *Visited*: Nepal; *Hobb*: Kitchen gardening; *Add*: Dept. of Pol. Sc., Univ. of Allahabad, Allahabad.

JAIN, (Dr.) Harindra Bhushan—Lecturer in Sanskrit, Vikram Univ., Ujjain since 1959; *b* 25 January 1922 at Sagar; *Edn:* M.A. in 1950, Ph.D. in 1958 from Univ. of Saugar; *Resch Exp:* Ph.D. thesis—'Development of Human Personality as visualized in the Jain Canons', working for D. Litt. on 'Comparative study of Valmiki and Kalidasa'; *Pub:* 'Influence of Valmiki Ramayana on Abhignana, Shakuntalam', 'Kumar Sambhav', 'Meghadutam', 'Critical study of Abhignan, etc.; *Exp:* Univ. of Saugar for 3 years; *Mem:* Senate, Board of Studies of Vikram Univ.; Secy., Kalidasa Sahitya Samiti; *Knows:* Hindi, Sanskrit, English & German; *Add:* 1/1-F2 Quarters, Univ. Campus, Ujjain.

JAIN, (Dr.) Hiralal Balchand—Prof. & Head, Dept. of Sanskrit, Pali & Prakrit, Univ. of Jabalpur since July 1961; *b* April 1899 at Gangai in M.P.; *Edn:* M.A. (Sanskrit) in 1922, first in the Univ. from Muir Central College, Allahabad; LL.B. in 1922 from Allahabad Univ.; D.Litt. (Aparbhramsa Studies) from Nagpur Univ.; *Pub:* More than 50 research papers, guided research scholars for Ph.D. and D. Litt. degrees, edited and translated eight Aparbhramsa, edited Shatkhandagam with translation in 16 Volumes; *Exp*: King Edward College, Amraoti 1925-44; Morris College, Nagpur 1944-54; Director of Research Institute for Prakrit, Jainology & Ahimsa, Muzaffarpur 1955-61; *Mem:* All India Oriental Conference (President of its Prakrit & Jainism Section in 1944 and 1966); *Knows:* Hindi, English, Sanskrit, Pali & Prakrit; *Add*: Dept. of Sanskrit, Jabalpur Univ., Jabalpur.

JAIN, (Miss) Indira—Principal, Govt. College for Women, Rohtak since 1959; *b* 15 February 1930 at Zira in Dist. Ferozepur; *Edn*: M.A. (Maths) in 1954 from Govt. College, Ludhiana; *Exp:* Dev Samaj College for Women, Ferozepur 1954-59; *Mem:* Indian Mathematical Society; *Knows:* Hindi, Panjabi & English; *Hobb*: Painting, gardening, excursions etc.; *Add:* Govt. College for Women, Rohtak.

JAIN, (Dr.) Kailash Chand—Head, Dept. of Ancient Indian History & Culture, Vikram Univ., Ujjain since July 1967; *b* 7 January 1930 at Maroth in Rajasthan; *Edn:* M.A. in 1953 from Patna Univ.; Ph.D. (Jainism in Rajasthan) in 1956 & D. Litt. (Ancient Cities of Rajasthan) in 1963 from Rajasthan Univ.; *Resch Exp:* for over 15 years; *Pub:* Book on 'Jainism in Rajasthan' besides about 50 research papers; *Honours:* Merit pay raise of Rs. 100/—per month awarded by the Govt. of Rajasthan in 1966; *Exp:* Maharaja College, Jaipur; Govt. College, Ajmer; Rishi College, Alwar till 1964; joined Vikram Univ. in 1964 and since then there; *Mem:* All India Oriental Conference, Indian History Congress, attended International Conference of Orientalists in 1963; *Knows :* Hindi, English, Sanskrit, German & Gujrati; *Add :* Mohan Niwas, Dewas Road, Ujjain.

JAIN, Mohan Lal—Head Dept. of Agrl. Engg., College of Agri., Jobner since July 1966; *b* 19 May 1935 at Delhi; *Edn*: B. Tech. in 1959 from I.I.T., Kharagpur; M.S. (Farm Machinery & Power) in 1966 from Ohio State Univ., U.S.A.; *Resch Exp:* For 5 years; *Pub*: papers on 'Characteristics and analysis of corn ear failure' and 'Irrigation Methods and water application'; *Exp:* Dept. of Agri., Govt. of A.P.; Agrl. Dept., Govt. of Rajasthan; *Mem:* American Society of Agrl. Engineers, Indian Society of Agrl. Engineers; *Knows*: English, Hindi & Urdu; *Visited:* U.S.A.; *Add:* Dept. of Agrl. Engg., College of Agriculture, Jobner.

JAIN, Nirmal Kumar—Principal & Head of Economics Dept., Jagdish Saran Hindu P.G. College, Amroha since 1961; *b* 24 December 1927 at Seohara in Dist. Bijnor; *Edn*: M.Com. in 1949 from Univ. of Allahabad, & M.A. (Econ) in 1960 from Agra Univ.; *Resch Exp*: Working for Ph.D. on 'Textile Industry of India'; *Exp:* Hindu College, Moradabad; V.T.P. Degree College, Shivpuri; *Mem:* Faculty of Commerce, Senate & Board of Studies in Agra Univ.; Faculty, Academic Council & Senate of Vikram Univ.; President of Rotary International Club of Amroha; on the Governing Bodies of several educational institutions; *Knows*: English, Hindi & Urdu; *Hobb:* Gardening; *Add*: J.S. Hindu College, Amroha.

JAIN, (Dr.) Pavan Kumar—Asstt. Prof., Dept. of Philology & Linguistics, Saugar Univ. since December 1965; *b* 30 August 1935 at Vill. Sodarpur in M.P.; *Edn*: M.A. (Linguistics) in 1961 from Univ. of Saugar; Advanced Course in 1961 from K.M. Institute, Agra; *Resch Exp*: For Ph.D. 1961-63; *Pub*: 'Criticism on Language & Linguistics'; *Exp*: Language Division, Ministry of Home Affairs 1963-65; *Mem:* Linguistics Society of India; Dean, Faculty of Arts; *Knows:* Hindi, Sanskrit, English & Urdu: *Hobb:* Outdoor games; *Add*: Dept. of Linguistics, Saugar Univ., Sagar.

JAIN, (Dr.) S.C.—Dy. Director & Head of Solid State Physics Dn., N.P.L., New Delhi-12 and Dean of the Faculty of Science & Head of Physics Dept., I.I.T., New Delhi; *b* 5 December 1926 at Saharanpur; *Edn:* M.Sc. in 1949 & Ph.D. (High Temperature properties of Metals and Semi-conductors) in 1955; *Pub:* About 60 papers; *Exp*: Leeds Univ., UK 1955-58; organised the Solid State Physics Dept. in N.P.L. in 1959 and its Head since then; Dy. Director of N.P.L. & Head of Physics Dept., I.I.T., New Delhi since 1965; *Mem*: Fellow of Institute of Physics (London), Physical Society (London), American Physical Society; Consultant to Atomic Energy Establishment (UK); *Genl:* Lectured in universities and research laboratories in USA, UK, USSR, Hungary and other European countries; his

work on basic and applied physics has been quoted in many text books; *Visited:* Italy, USA, UK, USSR, Hungary etc. for research or as a Visiting Prof. or member of delegation; *Add*: Dept. of Physics, I.I.T., New Delhi-29.

JAIN, Santosh Kumar— Reader in Elect. Engg., Roorkee Univ. since 1959; *b* 24 August 1936 at Meerut; *Edn:* B.E. in 1958 & M.E. in 1961 from Roorkee Univ.; *Resch Exp:* For seven years; *Pub:* A Text Book of Electric Machinery Experiments besides five original research papers; *Honours*: Khosla Research Gold Medal in 1967, Certificate of Merit on Research work by Univ. of Roorkee; *Exp*: State Electricity Board, U.P. 1958-59; *Mem*: A.M.I.E. (India); *Knows*: English & Hindi; *Add*: Santosh Bhawan, Nehru Road, Meerut.

JAIN, (Dr.) Sharad Chandra—Dept. of Agrl. Econ., U.P. Agrl. Univ., Pantnagar since September 1966; *b* 20 November 1933 at Mehidpur in Dist. Ujjain; *Edn*: M.A. (Econ) in 1957 & D.Phil. (Agrl. Development in India) in 1960 from Allahabad Univ.; *Pub*: Books on 'Agricultural Policy in India', Problems and Policies of Indian 'Agriculture', 'Agricultural Planning in India', 'Agricultural Planning in Developing Countries', 'Indian Rural Economics', 'The State and Agriculture', 'Agricultural Development in India', 'Agricultural Development of African Nations—in 2 Vols', 'Price Behaviour & Resource Allocations in Indian Agriculture', 'More Food through controlled Agriculture', 'Economic Institutions of Rural Uplift', 'Possibilities and Prospects for Research in Agricultural Economics', 'Agricultural Development in Nepal', besides several books edited and about 100 research articles; *Honours*: Invited by Nepal Govt. to study agriculture in Nepal and recommendations made by him have been included in the National Plan of Nepal; *Exp*: Dept. of Economics & Statistics, M.P. Govt. for 5 years; *Mem:* Indian Society of Agrl. Economists; *Knows*: Hindi & English; *Visited*: Nepal; *Hobb*: Writing books; *Add*: C/o M/s. Rajmal Jathmal, Commission Agent, P.O. Mehidpur, Dist. Ujjain.

JAIN, Shikhar Ghand—Principal, Hindi Teachers' Training College, Agartala since February 1958; *b* 5 October 1927 at Vill. Kudarkot in Dist. Etawah; *Edn*: M.A. (Hindi) in 1951, LL.B. in 1951 & L.T. in 1953 from Lucknow Univ.; *Exp*: Lecturer, Public Inter College, Kairana for 2 years; Principal, Board of Higher Secondary Schools, Pratapgarh 3 years; *Mem*: Hindi Education Office, Govt. of Tripura, Agartala; *Knows*: Hindi, English & Bengali; *Add*: H.T.T. College, Agartala.

JAIN, Shri Chandra—Principal, Sandipani College, Ujjain since 1967; *b* 22 January 1909 at Vill. Amra in Dist. Jhansi; *Edn:* M.A. (Hindi) in 1937; *Pub:* Books on Madhya Pradesh ke Musalman Kavi, Vindhya ke Lok Kavi, Mori Dharti Mayya, Vindhya Pradesh ke Lok Geet, Yeh thirkate per, Yeh hamare pashu pakshi, Bhartiya Lok Kathaon ka adhyayan, Baghelkhand ka Lok Sahitya, Vindhya ke vismrit kavi and several other books; *Honours:* Prizes on several books from Govt. of India, V.P. Govt. and U.P. Govt.; *Exp:* T.R.S. College, Rewa for 12 years; Asstt. Prof. at Govt. Degree College, Khargone for 5 years; Prof. at Mahakoshal Arts Mahavidyalaya, Jabalpur for 3 years; *Knows:* Hindi, English, Sanskrit & Urdu; *Genl*: Interested in collection of folk literatrue and its critical study; *Add:* Vijay Lodge, Nai Peth, Ujjain.

JAIN, Subhash S.—Principal, H.M. Patel Institute of English, Vallabh Vidyanagar since May 1965; *b* 23 April 1937 at Parola in Dist. Jalgaon; *Edn* : M.A. (English) in 1957 from Wilson College, Bombay; Training in Teaching of English in 1959 from Central Institute of English, Hyderabad; Dip. in Linguistics in 1960 from Deccan College, Poona; *Pub:* Books on 'Lotus Reader' and many other text books besides articles and papers; *Exp:* Wilson College, Bombay 2 years; Bhavan's College, Bombay for 3½ years; Kabul Univ., Afghanistan for 4 years; Wilson College, Bombay for 1 year upto 1965; *Mem*: Linguistic Society of India, National Association of Teacher Educators; Board of Studies, Syndicate of Gujrat & S. Patel Univ.; Chairman, Board of Studies in English of Sardar Patel Univ.; Dean, Faculty of Education of S. Patel Univ.; *Genl*: Passed S.S.C. exam. at the age of 14, B.A. at 18 and M.A. at 20; *Knows*: English, Gujarati, Marathi, Hindi, Persian, German, Spanish & Pushto; *Visited*: Afghanistan; *Hobb*: Stamp collecting & classical music etc; *Add*: H.M. Patel Institute of English, Vallabh Vidyanagar, Gujarat.

JAIN, (Dr.) Sudhanshu Kumar—In-charge, Economic Botany Section, Central Botanical Laboratory, P.O. Botanic Garden, W.B. since 1960; *b* 30 June 1926 at Amroha in U.P.; *Edn*: M.Sc. in 1946 from Allahabad Univ., Training in Mycology in 1947 from I.A.R.I., New Delhi; Training in Systematic Botany in 1951 from F.R.I., Dehradun; Ph.D. in 1965 from Poona Univ.; *Resch Exp*: About 20 years; *Pub*: Books on 'Vanaspati Kosh', 'Kuch Parichit Ped', 'Medicinal Plants', 'Flora of Rajasthan,' Grasses of Upper Gangetic Plains', 'Index to Duthiers Flora of Upper Gangetic Plains' besides about 100 papers; *Honours*: Gold Medal in 1966 by the National Academy of Sciences of India; *Exp:* Meerut College, Meerut 1947-49; National Botanic Garden 1953-56; Botanical Survey of India since 1956; *Mem*: Fellow of National Academy of Sciences, Indian Botanical Society, International Society of Tropical Ecology (and held various offices in it during 1956-60, 1962-64); Member of International Association for Plant Taxonomy, Arid Zone Research Association; *Knows*: English, Hindi, Urdu & German; *Visited*: Ceylon; *Hobb*: Reading and travels; *Add*: 82, Kankulia Road, Ballygunge, Calcutta-19.

JAIN, Sukhanand—Head, Dept. of E.N.T., Rangraya Medical College, Kakinada since 1963; *b* 10 October 1927 at Beed in Maharashtra; *Edn:* M.S. (E.N T.) in 1957 form Patna Univ.; *Resch Exp*: In Rhinosporidiosis and 'Hard of hearing at school going age'; *Pub*: Over 25 papers in noted medical journals; *Honours*: Awarded R.A.F. Cooper Gold Medal by E.N.T. Association; Shakuntala Amir Chand Prize from I.C.M.R.; *Exp*: Osmania Medical College, Hyderabad; A.I.I.M.S., New Delhi; *Mem*: Governing Body of Association of Otolaryngologists of India, International College of Surgeons, College of Chest Physicians of America, Indian Academy of Medical Sciences; *Knows*: Hindi, Telugu, Urdu, Marathi, English & French; *Visited*: Canada; *Hobb:* Social service; *Add:* Prof. of E.N.T., Rangraya Medical College, Kakinada.

JAIN, (Dr.) Trilok Chand—Principal, Govt. College, Jagdalpur since October 1964; *b* 28 November 1921 at Jabalpur; *Edn:* B.Sc. (Hons) (Chem) in 1943. winning Chate Gold Medal, from Science College, Nagpur; Ph.D. in 1953 in Physical Chemistry from Manchester Univ., U.K.; *Resch Exp:* Since 1953; *Pub:* 'Photo-oxidation of Ammonia', 'Kinetics of decomposition of mannitol', 'Absorption spectra of some typical compounds', 'Chromatographic separation of mixture' etc.; *Exp:* Science College, Jabalpur; Science College, Raipur; *Mem:* Fellow of Indian Chemical Society; *Knows:* Hindi & English; *Visited:* U.K. for doing Ph.D.; *Add:* Govt. Degree College, Jagdalpur.

JAIN, (Dr.) Vijay K.—Assoct. Prof., Dept. of Elect. Engg., B.I.T.S., Pilani; *b* 15 November 1937 at Gwalior; *Edn:* B.E. (Elect) in 1956 from Birla Engg. College, Pilani; M.E. in 1962 from Roorkee Univ., Roorkee; Ph.D. in 1964 from Michigan State Univ., U.S.A.; *Resch Exp:* For five years in system optimisation; *Pub:* about 15 papers, monograph on 'Time domain approximation and system identification'; *Exp:* Since 1957 at B.I.T.S., Pilani and held various positions; *Mem:* I.E.E.E. (U.S.A.), I.E. (India); *Visited:* U.S.A. 1962-64 for higher studies; *Add:* Elect. Engg. Dept., B.I.T.S., Pilani.

JAISWAL, (Dr.) Balgovind—Joint Director, Book Production Unit, Iddgah Hills, Bhopal since June 1964; *b* 19 January 1932 at Mhow; *Edn:* M.Sc. (Chem) in 1955 from Agra Univ., LL.B. in 1956 from Vikram Univ., Sahitya Ratna in 1961 from Sahitya Sammelan (Allahabad), Ph.D. (Chem) in 1963 from Vikram Univ., Sahitya Ratna (Sanskrit) in 1967 from Sahitya Sammelan (Allahabad); *Resch Exp:* For seven years on Gas Electron Affinity and photo suppression of discharge pulses; *Pub*: Books on Physical Chemistry (Hindi) and Prarambhik Bhautic Rasayana, Bhautik Rasayan ki Pathya Pustak etc. besides many articles; *Exp:* Holkar Science College, Indore 1956-61; Govt. Degree College, Neemuch 1961-64; *Mem*: Indian Chemical Society, Indian Science Congress; *Genl:* Interested in astrology and passed Visharad in it; *Knows*: Hindi, Sanskrit, Marathi, Gujarati, Urdu and English; *Hobb:* Swimming, touring and writing popular articles; *Add*: Sarai Road, Mhow, M.P.

JAISWAL, (Dr.) Ganesh Pershad—Principal, Evening College, Warangal since 1966 ; *b* 19 August 1915 at Hyderabad ; *Edn :* M. Sc. (Zoology) in 1942 & Ph.D. (Studies on the Trematode parasites of Fish and Birds found in Hyderabad State) in 1955 from Osmania Univ.; *Resch Exp* : For 12 years ; *Pub* : Ten research papers on trematode parasites etc. ; *Exp :* Teaching for past 26 years at the Osmania Univ. ; *Mem* : Indian Science Congress ; *Knows* : English, Hindi, Urdu & Telugu ; *Add :* Gyan Nivas, 3-4-426, Bank Street, Hyderabad.

JAISWAL, Madanlal Chimanlal—Dept. of Statistics, Gujarat Univ., since 1958 ; *b* 15 July 1935 at Piplod in Dist. Panchmahals ; *Edn* : M.Sc. in 1958 from M.S. Univ. of Baroda ; *Resch Exp :* For ten years ; *Pub :* 13 papers on subjects like Capital Productivity, Distribution of Capital and Wage-Capital rates in Indian Industries, Employment & Wages, Inequality of Income Distribution etc. ; *Honours* : Medal from Gujarat Research Society ; *Exp* : Started in Gujarat Univ. ; *Mem :* Indian Science Congress, Gujarat Mathematical Association ; *Knows :* English, Hindi & Gujarati ; *Add :* Dept. of Statistics, Gujarat Univ., Ahmedabad.

JAMBUNATHAN, Manakal Ramaswami—Editor, Translator & Writer; *b* 23 August 1896 at Manakkal in Dist. Tiruchirappali ; *Edn :* Private study and research ; *Pub :* Numerous publications like 'Life & Teachings of Dayananda Saraswathi', 'Life & Service of Shraddhananda', 'Life & Teachings of Mazzini', 'Life & Wisdom of Confucius,' 'Unmai Neri Vilakkam', 'Hindu Trinity', 'Great Short Stories of Upanishads', 'A. B. C. of the Vedas', 'Kathopanishad', 'Yoga Asanas', 'Yoga Body', 'Katharatham' and translations of Gulistan, Sama Vedam, Yajurveda & Atharva Veda besides several; *Mem :* Executive Cttee of All India P.E.N. Centre, All India Oriental Conference, Vedic Research Institute, International Association of Tamil Research, International Congress of Orientalists, World Academy of Sanskrit, Tamil Writers Association ; *Knows :* Tamil, Sanskrit, Hindi & English ; *Visited* : Japan in 1957 ; *Add* : Radha Nivas, 375, 1st Road, Khar, Bombay-52.

JAMINDAR, (Dr.) Rasesh Chaturbhai—Director, Independent Study Programme, Gujarat Vidyapeeth, Ahmedabad since 1966 ; *b* 19 July 1934 at Mehmedabad ; *Edn* : M. A. in 1961 & Ph. D. (History & Culture of Gujarat of the Kshtrapa Period) in 1967 from B. J. Institute of Learning & Research ; *Resch Exp* : for 2 years ; *Pub* : Books on 'Gujarat Itihas Sandarbhasuchi', 'Saurashtrana Prachin Prachalit Dharmasampradayo', 'Mahamanav Itihaskar Gandhiji', 'Political History of Gujarati' and several articles ; *Exp* : Shahpur Tutorial H. School, Ahmedabad 1958-59 ; Bhartiya Vidyalaya, Ahmedabad 1960-61 ; M. D. College of Social Service, Ahmedabad 5 years ; Dept. of Encyclopaedia, Gujarat Vidyapeeth since 1965 ; *Mem :* Indian History Congress, Numismatic Society of India, member & Treasurer of Gujarat History Congress (1964-66); Gujarat Sahitya Parishad since 1961 ; *Knows :* Gujarati, English & Hindi ; *Hobb :* Travelling ; *Add :* 3 Gnankunj, Opp. Punit Ashram, Maninagar, Ahmedabad.

JAN MOHAMAD—Head, Dept. of Mathematics, J&K Univ., Srinagar since July 1967 ; *b* 23 June 1926 at Srinagar ; *Edn :* M. A. in 1947 from M. U. ; Certificate in Statistics in 1952 from Indian Statistical Institute; B. Sc. (Hons) (Maths) in 1957 from Leeds Univ., U. K. ; *Resch Exp :* For 5 years ; *Pub :* 'An approximation to non-central chi-square distribution', 'A class of Bivariate Distributions' etc. ; *Exp :* S. P. College, Jammu ; A. S. College, Jammu ; Education Dept. of J&K Govt. for 1948-55 ; Dept. of Maths., J&K Univ. since 1958 and held different positions ; *Mem :* Indian Mathematical Society, Indian Science Congress ; *Knows :* English, Urdu & Kashmiri ; *Visited :* Univ. of Leeds, U. K. 1955-57 ; *Add :* Dept. of Maths., J&K Univ., Srinagar.

JANGIRA, Nand Kishore—Senior Research Asstt., National Institute of Education, New Delhi-16 since August 1965 ; *b* 6 September 1937 at Gurgaon ; *Edn :* M. A. (Urdu) in 1959 & M. A. (English) in 1963 from Punjab Univ. ; M. Ed. in 1964 from Jamia Millia Islamia, Delhi ; *Resch Exp* : For 3 years in Research Methodolgy at N. I. E., New Delhi ; *Pub* : 12 research papers or brochures ; *Exp* : For 8 years teaching in Schools and Basic Teachers Training Institutes in Haryana; *Knows* : English, Urdu, Hindi, Punjabi & Russian ; *Sports* : Represented district in Punjab Hockey championship ; *Add* : House No. 1327, Gurgaon Village, Haryana.

JANI, Kanubhai Chhotalal—Reader in Gujarati & Vice-Principal, M. D. S. Mahavidyalaya, Ahmedabad since September 1966 ; *b* 4 February 1925 at Kodinar in Saurashtra ; *Edn :* M. A. in 1949 ; *Resch Exp* : For about 12 years ; *Pub* : Books on 'Tapagachha-Pattavali', 'Char Phagu' and 'Mayalok' besides several articles on Magani, folk literature etc. ; *Honours* : Awardee of Daxina Fellowship 1947-48, Nalinkant Divetia Scholarship from Bombay Univ. 1947, Merit Scholarship from B. J. Institute for Learning & Research 1948-49 ; *Exp* : For past 17 years at various Institutions—Petlad College, Petlad ; Dharmendra Sinhji College, Rajkot ; D. K. V. Arts College, Bhuj ; *Mem* : Secy., Sahitya Sabha, Rajkot ; Secy. of Saurashtra Lekhak Milan ; *Knows* : Gujarati, Hindi, English & Bengali ; *Hobb* : Music, painting, playwriting and enacting ; *Add* : M.D.S. Mahavidyalaya, Ahmedabad-14.

JANI, (Dr.) Vinayakray Jeshtaram—Principal & Secy., Sardar Vallabhai Regional College of Engg. & Techy., Umra, Gujarat since March 1964 ; *b* 22 March 1918 at Gogha in Saurashtra ; *Edn* : B. E. (Mech) in 1941 & B. E. (Elect) in 1942 from Bombay Univ. ; Dr. Ing. (Machine Design) in 1960 from W. Germany ; *Resch Exp* ; In Worm Gears ; *Exp :* Mech. Engineer in private industry at Bombay ; Lecturer in V. J. T. I., Bombay ; Asstt. Prof. at L. D. College of Engg., Ahmedabad ; *Mem :* Association of Principals of Technical Institutions, Institution of Engineers (India), South Gujarat Engineers Association besides of Senate, Board of Studies of South Gujarat Univ.; *Knows :* English, Hindi, Gujrati & German ; *Add :* S. V. R. College of Engg. & Techy., Umra, Dist. Surat.

JASUJA, Gurcharan Singh—Writer ; *b* 1 May 1925 at Amritsar ; *Edn* : M. A. (Punjabi) in 1958, first in Univ., from Lyallpur Khalsa College, Jullundur ; Company Secy. Inter Exam. from Company Law Board in 1966 ; *Resch Exp :* In the history of Punjabi literature from beginning upto 1948 ; *Pub* : Plays on 'Gaumukha Shermukha', 'Char Diwari', 'Pachhtava', 'Makkri Da Jal', 'Kandhan Ret Dian', 'Andhkar' etc. ; *Honours :* Awarded by A. I. R.; plays played from Moscow Radio; award from Punjab Govt. in 1967 ; *Mem* : PEN, Punjabi Sahitya Sabha ; *Exp* : Working as Chief Accountant, M/s Kundli Engg. Industries P. Ltd., Delhi since 1964 ; *Knows* : Punjabi, English, Hindi & Urdu; *Add* : 3A/83, W. E. A., New Delhi-5.

JAVADEKAR, (Dr) Anant Ganesh—Head, Dept. of Philosophy, M.S. Univ. of Baroda since 1958; *b* 9 September 1919 at Indapur in Dist. Poona; *Edn :* M.A. in 1942 from Allahabad Univ.; Ph.D. in 1952, D. Litt. in 1965 from Bombay Univ. ; *Resech Exp*: For about 25 years, guiding research students; *Pub :* Books on 'Approach to Reality' & 'Axionoetics: Valuational Theory of Knowledge' besides papers, articles, seminars, conferences etc.; *Honours* : Single recepient of the D. Litt. in Philosophy in the about 110 years history of Bombay Univ.; *Exp :* Sir Parashurambhaw College, Poona 1942-47; Baroda College, Baroda 1947-49; Faculty of Arts, M.S. Univ. of Baroda since 1949; *Mem* : Board of Studies in Baroda, Bombay, Poona, S.Patel & Rajasthan universities; Terminological Commission of Govt. of India, Vice-President of Akhil Bharatiya Darshan Parishad (Jaipur), Jt. Secy. of Indian Philosophical Congress, besides on the editorial boards of Marathi Encyclopaedia of Philosophy and several others; *Knows* : Marathi, Hindi, Gujrati, English & Sanskrit; *Visited* : Ceylon; *Hobb* : Drawing and painting; *Add* : Dept. of Philosophy, M.S. Univ. of Baroda, Baroda.

JAWEED, (Dr) Sulaiman Ather—Lecturer in Urdu, S.V. Univ., since September 1966; *b* 9 April 1936 at Hyderabad; *Edn*: M.A. (Urdu) in 1962 & Ph.D. (Life & Works of Rasheed Ahmed Siddiqui) in 1967 from Osmania Univ.; *Resch Exp*: Guiding research students; *Pub*: Sri Venkateshwara Univ. men Urdu, Urdu Nazam men Hali ka Muquam, Rahseed Ahmed Siddiqui ki Muraqqa Nigari Jadeed Urdu, naser ke chand tanzo-o-Mizah Nigar, Zore Saheb, Shahid Siddiqui, Danda ki Shaeri, Taraqqui Pasand Tehreek, Mir Mehboob Ali Khan Asif ki Shaeri, Addab, Addeeb aur Naqqaad and many other poems and short stories; Asstt. Editor, Rehnuma-e-Deccan Urdu Daily, Hyderabad 1959-66; *Exp*: Nizam College, Hyderabad 1963; Evening College, Secunderabad 1963-64; Urdu Oriental College, Hyderabad 1966; *Mem*: Jt. Secy. of National Council of Indian Languages; *Knows*: Urdu, English & Hindi; *Hobb*: Stamp collection and travelling; *Add*: Dept. of Urdu, S.V. Univ., Tirupati.

JAYASWAL, (Dr.) Sita Ram—Reader in Education Lucknow Univ. since March 1956; *b* 16 April 1919 at Jaunpur; *Edn*: M.A. (Hindi) in 1945 from Agra Univ., M.Ed. in 1953 from Harvard Univ., Ph.D. (Education) in 1955 from Michigan Univ.; *Pub*: Books on 'Early Childhood & Adult Personality', 'Personality', 'Foundations of Educational Psychology', 'Nehru on Society Education & Culture', 'Principles of Education', 'Shikshastra', 'Pashchim Shiksha ka Itihas', 'Shiksha Manovigyan dipika', 'Shiksha Vigyan and several others; *Honours*: Received a cash prize of Rs. 2,500/- from U.P. Govt. on his book Shaikshik Samaj Shastra; *Exp*: Since 1943, with a break between 1950-54; *Mem*: Nagri Pracharini Sabha, Linguistics Society of India, P.E.N. Centre, Genl. Secy. of U.P. Adult Education Association, Genl. Secy. of Bharatiya Sanskriti Bhawan; *Genl*: Has been editor of Yuvak-Vani, Lucknow; Shiksha-Jagat, Varanasi & Buniyadi Shikshak, Lucknow; *Visited*: U.S.A. for study & research; *Knows*: Hindi & English; *Add*: B-23 Mahanagar, Sector A, Lucknow-6.

JEVOOR, Siddhalingappa Virupaxappa—Director of Public Instructions, Bangalore since March 1966; *b* 20 February 1917 at Sutagatti in Dist. Belgaum; *Edn*: M. Ed in 1946 from Govt. College of Secondary Education, Belgaum; Award in Educational Admn. in 1962 from Columbia Univ., U.S.A.; *Resch Exp*: In History of Education in Karnatak; *Pub*: Books on The Summer Harvest, A History of Education in Karnatak, Kelavu Shaikshanik Vicharagalu, Karnatak Shaikshanika Itihasa (in Kannada, Hindi etc); *Exp*: Principal, Govt. College of Education, Belgaum; Principal, Govt Graduates' Basic Training Centre, Dharwar, besides taught for 20 years in High Schools, B.Ed. College and universities; *Mem*: Syndicate of Mysore & Bangalore Univ., Senate of Karnatak Univ., Secy. of Sahitya Academy; Chairman of Primary, Secondary Training; on various Boards of the Govt. of Mysore; Secy., Mysore State Sangeeta Natak Academy and Lalit Kala Academy; Vice Chairman, Kantheerava Stadium, Bangalore; *Knows*: Kannada, Hindi, English, Marathi & Sanskrit; *Visited*: U.S.A., U.K., France & Italy; *Hobb*: Light music, writing, hiking, theatre, films etc.; *Add*: Director of Public Instructions, Bangalore.

JHA, (Dr.) Bechan—Head, Sanskrit Dept., Patna Univ. since 1965; *b* 19 November 1919 at Darbhanga; *Edn*: M.A. (Sanskrit) in 1944 & M.A (Hindi) in 1948 from Patna Univ.; D.Litt. (Sanskrit Poetics) in 1960; *Pub*: Concept of Poetic blemishes in Sanskrit Poetics; *Honours*: Vyakarana Tirtha; *Exp*: For 22 years at Patna College; *Mem*: All India Oriental Conference, Bihar Research Society; *Knows*: Sanskrit, Hindi, Maithili, Bengali & English; *Visited*: Tribhuvan Univ., Nepal; *Add*: Sanskrit Dept., Patna Univ., Patna-5.

JHA, (Prof.), Dibakar—Head, Dept. of Economics, Patna Univ. since 1957; *b* 1 February 1917 at Vill. Andhra Tharhi in Dist. Darbhanga; *Edn*: M.A. (Econ) in 1937 from Patna Univ; *Resch Exp*: In Public Finance (Indian Finance); *Pub*: Books on Bihar Finance, Present Inflation & Its Remedy, Elements of Economics (Hindi); Samanya Arthashastra, Samanya Nagrik shastra; *Exp*: Patna College, Patna for last 24 years; *Mem*: All India Economic Association, Chetna Samiti; *Knows*: Maithili, Hindi, Sanskrit & English; *Add*: Dept. of Economics, Patna Univ., Patna-5.

JHA, (Dr.) Krishna Mohan—Reader in Chemistry, Bhagalpur Univ. since February 1967; *b* 1 January 1924 at Pokharia near Katihar in Dist. Purnea; *Edn:* M.Sc. (Chem) in 1949 from Science College, Patna & Ph.D. in 1966 from Gorakhpur Univ.; *Resch Exp:* For 6 years in the field of transport processes through membranes under potential and pressure gradients (irreversible thermodynamics); *Pub:* Numerous articles in leading scientific journals; *Exp:* T.N.J. College, Bihar; T.N.B. College, Bhagalpur Univ. for 18 years; *Mem:* Indian Chemical Society, Indian Science Congress; *Knows:* Hindi, Maithili, Bengali & English; *Add:* 8, T.N.B. College Quarters, Bhagalpur-7.

JHALA, (Dr.) Harshadray Ishverlal—Dean, Medical College, Aurangabad since 1968; *b* 13 January 1919 at Gadhaka in Dist. Rajkot; *Edn:* M.D. (Pathology) in 1947 & F.C.P.S. (Medicine) in 1945 from Grant Medical College, Bombay; *Resch Exp:* For about 30 years; *Pub:* Over 110 research articles on Microbiology & Pathology in standard medical journals; *Exp:* B.J. Medical College, Ahmedabad; Grant Medical College, Bombay; Haffkine Institute, Bombay 1957-68; *Mem:* Fellow of College of Pathologists (London), Academy of Sciences of India, Indian Academy of Medical Sciences; Member, Governing Council of Indian Association of Pathologists; Zonal President of Association of Microbiologists of India & several others; *Genl:* Interested in the promotion of publication of scientific literature in Indian languages; *Knows:* Gujarati, Marathi, Hindi & English; *Visited:* U.K., U.S.A., U.S.SR., Canada, Japan, Eastern Europe and Western Europe for study tour; *Hobb:* Gardening; *Add:* Medical College, Aurangabad.

JHAVERI, (Dr.) Bipinchandra Jivanchand—Head, Dept. of Gujarati, Gujarat College, Ahmedabad since August 1967; *b* 28 February 1917 at Bombay; *Edn:* M.A. in 1942 & Ph.D. in 1949 from Bhartiya Vidya Bhawan, Bombay; *Resch Exp:* In the field of biography, examinations, literature, sociology, history & linguistics; *Pub:* Books on 'Devakiji Chha Bhayaro Ras', 'Apanun Sahitya' in two parts, 'Ramanbhai Nilkanth', 'Raino Parvatni Smiksha', 'Jaya Somnathni Samiksha'. 'Kalpna', 'Shataranjane Sogathe' and 35 others, besides more than 100 papers; *Exp:* Elphinstone College, Gujrat College, Ismail College, Khalsa College, Bahauddin College, M.P.S. Shah College, D.K.V. College, New Arts College, S.P. Univ., Gujrat Univ., Visiting Prof. at Sansfrisco Univ., U.S.A.; Principal of New Arts College for 1964-67; *Mem:* Gujrat Sahitya Parishad, Gujrati Vidya Sabha, Bhartiya Vidya Bhawan, Kaivalyadhama Yogic Research Institute, Indian National Theatre, formerly President of Divya Jyoti Mandal etc.; *Genl:* Born of a very rich philanthropist family but preferred to live on his own earnings; *Knows:* Gujrati, English, Hindi, Marathi, French, German, Ardha, Magadhi, Prakrit & Apabhramsha; *Visited:* U.S.A., Japan, U.K., Vietnam, Burma, Hongkong & Thailand; *Hobb:* Dramatics, Linguistics & cinematography etc.; *Add:* Gujrat College, Ahmedabad-6.

JITURI, (Dr.) Krishna Hemadrisa—Hony. Asstt. Physician, Karnatak Medical College & Hospital, Hubli since March 1965; *b* 12 December 1935 at Hubli; *Edn:* M.D. in 1964 from Medical College, Baroda; *Resch Exp:* Working on 'Evaluation of Pleural biopsy in pleural effusions'; *Pub:* A few papers; *Exp:* Medical Registrar, Shri Sayaji Rao General Hospital, Baroda 1962-64; *Mem:* Association of Physicians of India, Indian Medical Association; *Knows:* Kanada, Hindi, Marathi, Gujrati & English; *Add:* Radhakrishna Galli, Durgad-Bail, Hubli-20.

JOGLEKAR, Shrikrishna Vasudeo—Dean, Seth G.S. Medical College, Bombay-12 since 1960; *b* 31 August 1913 at Dabhoi in Dist. Ratnagiri; *Edn:* M.S. in 1946 from Univ. of Bombay; *Pub:* on Assessment of disability in Injured Workman, Administration of a General Hospital, Preparation for Medical Education, Development of Nursing in India; *Exp:* Tutor in Forensic Medicine 1940-48; Hony. Prof. in Forensic Medicine at Podar Medical College 1954-58; Hony. Prof. at Seth G.S. Medical College since 1960; *Mem:* Indian Association for Advancement of Medical Education, Raptakos Medical Research Board, Maharashtra Medical Council, Maharashtra Nursing Council; *Visited:* Europe, U.S.A., Canada 1960-61; Thailand 1964; *Knows:* English, Marathi & Hindi; *Hobb:* Music & sports; won Gold Medal in Indian wrestling in Univ. of Bombay (1934); *Add:* Seth G.S. Medical College, Parel, Bombay-12.

JOHRI, B.P.—Principal, Radhasoami Educational Institute Degree College, Dayalbagh, Agra since March 1953; *b* 17 December 1915 at Etah; *Edn:* M.Sc. (Zoology) in 1937 and first in Agra Univ. ; L.T. in 1939 from Govt. Training College, Allahabad; *Pub*: History of Indian Education, History of Problems of Indian Education & Principles of Education; *Exp*: Lecturer 1937-45, Vice Principal 1946-53 at Teachers' Training College, Dayalbagh, Agra; *Mem*: District Scout Commissioner, member of several Univ. bodies; *Knows*: English, Hindi & Urdu; *Hobb*: Religion; *Add*: R.E.I. Degree College, Agra-5.

JOHRI, (Dr.) Brij Mohan—Head, Dept. of Botany, Univ. of Delhi since May 1966; *b* 11 September 1909 at Bijnor in U.P. ; *Edn*: M.Sc. in 1933 with first class first & D.Sc. (Botany) in 1936 from Agra Univ.; *Resch Exp*: For over 35 years; *Pub*: About 75 scientific publications; *Exp*: U.P. Board, Agra Univ. & Rajasthan Univ. till 1953; *Mem*: President, International Society of Plant Morphologists (1966-69); President, Indian Botanical Society 1966 and Vice President 1967; Secy. of Indian Association of Biological Sciences 1965; Executive Councillor, Asian Association of Biological Sciences 1966-68; Fellow of National Institute of Sciences of India, Indian Botanical Society; Member of International Society of Plant Morphologists, Growth & Development Society (USA), Indian Science Congress; *Knows*: Hindi, English, Urdu, German & French; *Visited*: UK, France, Middle East, Pakistan, USA, Japan, Philippines, Indonesia, Malayasia, Burma, Singapore, Europe to study, attend conferences or deliver lectures; *Hobb*: Stamp collection, photography and foreign travel; *Add*: Dept. of Botany, Univ. of Delhi, Delhi-7.

JOHRI, (Dr.) K.N.—Reader in Chemistry, Delhi Univ. since December 1947; *b* 24 September 1919 at Badaun; *Edn*: M.Sc. in 1941, first class first from Allahabad Univ. ; Ph.D. (Potassium Thiocarbonate Reagent as a Substitute for Hydrogen Sulphide in Chemical Analysis) in 1960 from Delhi Univ.; *Resch Exp*: Over 20 years in analytical and structural inorganic chemistry and industrial problems; *Pub*: Over 30 research papers on metal thiocarbonates; *Exp*: For over 33 years teaching P.G. classes and conducting research at Delhi Univ., also worked on several projects of CSIR; *Mem*: Fellow of the Chemical Society (London), Indian Chemical Society; *Genl*: Assisted in the systematization of teaching of inorganic chemistry in Indian universities; *Knows*: Hindi, Urdu, English & German; *Visited*: Several countries to deliver lectures on Potassium Thiocarbonate as a source of H_2S; *Hobb*: Painting, gardening and fish keeping; *Add*: Chem. Dept., Univ. of Delhi, Delhi-7.

JOSE SAMUEL—Head, Division of Agrl. Engg., Agrl. College & Research Institute, Vellayani since 1965 ; *b* 1 August 1937 at Kallusserry in Kerala ; *Edn* : M.S.A. (Agrl. Engg.) in 1963 with first class honours from Ontario Agrl. College, Canada ; *Resch Exp* : For 10 years ; *Pub* : 'Accuracy of Metering by full-width machines' and 'A test-bed for indigenous water lifting devices' ; *Exp* : Joined Agrl. College & Research Institute, Vellayani ; *Knows* : English, Malayalam & Hindi ; *Visited* : Canada ; *Add:* Dept. of Agrl. Engg., Agrl. College & Research Institute, Vellayani, Trivandrum.

JOSEPH, (Dr) Alintethekathil Daniel—Dean, M. P. Shah Medical College, Jamnagar since 1961 ; *b* 8 February 1913 at Mavelikara in Kerala ; *Edn* : M. D. in 1953 & F. C. P. S. in 1946 ; *Resch Exp* : For 20 years in Pharmacology and medicine ; *Pub* : Over 20 original papers in Indian and foreign journals of repute ; *Exp* : Teaching Medicine & Pharmacology for past 30 years ; *Mem* : Indian Medical Association, Indian Association for Advancement of Medical Education, Association for the Study of Medical Education (UK) ; *Knows* : English, Malayalam, Hindi, Gujarati & Marathi ; *Visited* : U. K. ; *Add* : M. P. Shah Medical College, Jamnagar.

JOSEPH, Arakal Chummar—Reader in Management Studies, Kerala Univ., Ernakulam ; *b* 6 September 1925 at Nedungad in Kerala : *Edn* ; M. Com. in 1949, first class first, from Andhra Univ. ; *Exp* : Andhra Univ., Waltair ; Gauhati Univ. Gauhati ; Mar Ivanios College, Trivandrum ; *Mem* : All India Commerce Association ; Faculty of Commerce, Board of Studies of Kerala Univ., State Board of Technical Education of Kerala State ; *Knows* : Malayalam, English & Hindi ; *Add* : School of Management Studies, Univ. of Kerala, Ernakulam.

JOSEPH, Rev. Arul—Principal, St. Xavier's Teachers' Training College, Palayamkottai, Tirunelvelli-2 since 1961 ; *b* 30 May 1922 at Tiruchirapalli ; *Edn :* B. A. in 1942, B. T. in 1952, M. Ed., M. A. (Phil) in 1964 from Univ. of Madras ; *Resch Exp :* on 'The Significance of Om' and 'A Psychology of the Deaf & Blind' ; *Pub :* Besides several articles books on 'Guidance in Schools' and 'Teacher Education' ; *Exp :* Headmaster, St. Xavier's High School, Palaymkottai for 4 years ; *Mem :* Senate, Academic Council, Standing Cttee, Board of Studies of Madurai Univ. ; member of other Univ. Bodies also ; President of Tirunelvelli Dist. Teachers' Guild ; *Knows :* Greek, Latin, English, Tamil & Hindi ; *Visited :* Ceylon ; *Hobb :* Reading & gardening etc. ; *Add :* St. Xavier's Training College, Palayamkottai, Madras State.

JOSEPH, (Dr.) Kuttamathiathu Joseph—Head, Dept. of Zoology, Univ. of Kerala, Calicut since 1964 ; *b* 20 May 1927 at Kottayam ; *Edn :* M. Sc. in 1950, 3rd in Univ., from St. John's College, Agra ; D. Sc. State (Entomology) in 1957 with honours citation from Laboratoire d' Evolution, Univ. of Paris ; *Resch Exp :* For 17 years in Zoology & Entomology ; *Pub :* A book on 'An Introduction to Zoology' besides 30 research papers on Entomology, Animal Behaviour and Sociobiology; *Honours :* Principal Investigator, PL 480 Research Project on 'Taxonomic Studies of the Oriental species of Brachymeria' with a 2.44 lakh grant for a 5 year period ; *Exp :* St. Berchman's College, Changanacherry ; St. John's College, Arga ; Univ. of Paris 1955-58 ; Karnatak Univ.; *Mem :* Entomological Society of India, Association for the Study of Oriental Insects, Board of Studies & Faculty of Science in Univ. of Kerala ; *Knows :* English, French, Italian, German, Malayalam, Hindi & Tamil ; *Visited* : French, UK, Germany, Holland, Belgium, Italy & Switzerland ; *Hobb* : Colour photography and wildlife watching ; *Add* : Dept. of Zoology, Univ. of Kerala, Calicut.

JOSEPH, Nulraj—Prof. & Head, Dept. of Mech. Engg., College of Engg., Madras-25 since 1960 ; *b* 12 December 1919 at Rangoon in Burma ; *Edn* : M. Sc. (Tech) (Industrial Admn. and Engg.) in 1948 from Manchester College of Technology, U. K.; *Resch Exp* : for 6 years; *Exp* : Western Railway; Harvey Mills ; Technical Education Officer in Directorate of Public Instructions, Madras; Lecturer, Engg. College, Anantapur ; *Mem* : Assoct. Member of the Institution of Work Study (India); Madras Productivity Council, Director of the Y. M. C. A., Madras ; *Genl* : Guiding research students since 1955 ; *Knows :* English, Tamil & Hindi ; *Visited* : U. K., Belgium, France, Switzerland & Italy ; *Hobb :* Stamp collecting ; *Add* : 1 E, Ritherdon Road, Madras-7.

JOSEPH, Vasanth—Lecturer in English, Arts & Science College, Secunderabad; *b* 15 September 1933 at Poona; *Edn*: M.A. in 1961 from Missouri State College, U.S.A. ; *Resch Exp*: For 2 years at American Studies Research Centre, Hyderabad; *Pub*: Introduction to Hawthorne's 'Twice-Told Tales and other Stories'; *Exp*: North-East Missouri State Teachers College, Missouri, USA, 1960 61; Borough B. Technical Institute, London 1961-62; Vijaya College, Mulki 1963-64; S.D.G.S. College, 1965 and at Osmania Univ. 1966-67; *Mem :* American Studies Research Centre; *Knows :* Telugu and Tamil; *Visited :* U.S.A. for doing B.A. and M.A. in English; *Add :* c/o Grace Gardens, Nagarajpet, Cuddapah, A.P.

JOSHI, Arvinda Sadashivarao—Principal, Mehkar Education Society's Arts & Commerce College, Mehkar since 1961; *b* 9 May 1933 at Wardha; *Edn* : M.A. (Econ) in 1957 & LL.B. in 1957 from Nagpur Univ., Visharad (Sanskrit) in 1960 from Swadhyay Mandal, Pardi; *Resch Exp :* For past 6 years on Hindu Economic Thought; *Pub :* About 40 articles on Economics, Education & Religion; *Exp* : Amolakchand College of Arts & Science, Yeotmal 1957-61; *Mem :* Academic Council, Court of Nagpur Univ.; Vidarbha Sahitya Sangha; *Genl :* Interested in moral and spiritual education; *Knows :* English, Hindi, Sanskrit & Marathi; *Hobb* : Yogasanas and travelling; *Add :* M.E.S. Arts & Commerce College, Mehkar, M.S.

JOSHI, (Dr.) Amar Chand—Vice-Chancellor, BHU since September 1967; *b* 18 September 1908 at Bahadur Pur in Dist. Hoshiarpur; *Edn* : M.Sc. (Botany) in 1930 winning Maclagan Gold Medal for standing first amongst all M.Sc. candidates & D.Sc. in 1937 from Panjab Univ.; *Resch Exp :* Many contributions made to the field of anatomy, morphology and cytology of flowering plants, as also in the field of education; *Pub* : More than 100 papers in botany and a large number of papers and addresses on educational problems; *Exp* : BHU 1931-44; Punjab Univ. 1945-47; Govt. College, Hoshiarpur 1947-51; Govt. Training College for Teachers & Director of Public Instructions & Secy. to the Govt., Dept. of Education 1953-57; Hony. Founder Vice-Chancellor, Kurukshetra Univ. 1956-59; Vice Chancellor, Panjab Univ. 1957-65; Advisor (Education), Planning Commission 1965-67; *Mem* : Fellow, National Institute of Sciences of India, President-elect, Indian Science Congress 1970, Hony. Member of Indian Association of Teacher Educators, President of Indian Botanical Society (1948); President, Inter-Univ. Board of India & Ceylon 1965; besides of several other academic associations; *Genl* : Member of U.P.S.C., Administrative Board, International Association of Universities; *Visited :* Several countries of the world on different occasions; *Add ;* Banaras Hindu Univ., Varanasi.

JOSHI, (Dr.) Bhairav D.—Reader in Chemistry, Delhi Univ. since June 1967; *b* 5 March 1939 at Vill. Dungrakot in Dist. Almora; *Edn* : M.Sc. in 1961 from Univ. of Delhi, M.S. (Chem.) in 1963 & Ph.D. in 1964 from Univ. of Chicago; *Resch Exp* : Ph.D. on 'Self-consistent-Field Wave Functions and Computed Potential Energy Curves for the NH_2 and NH Molecules in One-Centre Approximation'; *Pub* : About 10 research papers; *Exp* : Univ. of Chicago, U.S.A. 1965-66; Lecturer, I.I.T., Kanpur 1966-67; *Mem* : Indian Science Congress; *Visited* : U.S.A.; *Hobb* : Stamp collection and research; *Knows :* English, Hindi, & Russian; *Add :* F-20 A, Model Town, Delhi-9.

JOSHI, (Dr) Gajanan Narayan—Head, Dept. of Philosophy, Fergusson College, Poona since June 1964; *b* 17 March 1921 at Adavad in Dist. Jalgaon; *Edn* : M.A. in 1948 from Fergusson College, Poona; Ph.D. (The Evolution of the concepts of Atman and Moksa in the different systems of Indian Philosophy); *Resch Exp* : For one year at Indian Institute of Philosophy, Amalner; *Pub* : Book on 'Atman & Moksa' besides 50 articles in different philosophical journals; *Honours* : Recepient of Prof. A.K. Trivedi Prize in B.A.; *Exp* : Willingdon College, Sangli; total teaching period over 20 years; guiding Ph.D. students in Poona Univ.; *Mem* : President of 'Ethics & Social Philosophy' section of 41st Session of Indian Philosophical Congress held at Varanasi in 1967; Member of several Univ. bodies; *Knows* : English, Marathi, Hindi & Gujarati; *Hobb* : Reading and writing; *Add* : Bungalow No. 6, Fergusson College, Poona-4.

JOSHI, (Dr.) Kalidas Sadashiv—Head, Dept. of Yogic Studies, Saugar Univ. since 1959; *b* 16 September 1929 at Wai in Dist. Satara; *Edn:* M.Sc. (Agri.) in 1953 from Agricultural College, Poona; M.A. (Phil) in 1962 with first class first & Ph.D. in 1965 from Saugar Univ.; *Resch Exp:* For past 6 years in yoga and philosophy; *Pub:* Books on 'Yoga & Personality', 'Yoga in Daily Life', 'Scientific Yogic Breathing' and many research papers; *Exp:* Since 1959 at Saugar Univ.; *Mem:* Chairman, Board of Studies in Yogic Science of Saugar Univ. ; member of Faculty of Arts, Academic Council, Court of Governors of Saugar Univ. ; *Knows:* English, Hindi, Marathi, Sanskrit & French; *Hobb:* Photography & playing chess etc. ; *Add:* 240, Budhwar Peth, P.O. Phaltan, M.S.

JOSHI, (Dr.) Krishna C.—Visiting Prof. of Chemistry, Kathmandu Univ., Nepal since 1965; *b* 18 April 1926 at Nainital, U.P. ; *Edn*: M.Sc. in 1947 & Ph.D. (Chem) in 1952 from Univ. of Lucknow; P.G. Training in Chemistry 1952-53, from Univ. of Illinois, U.S.A. ; *Resch Exp:* Investigator in charge of several C.S.I.R. Research Projects, supervised the Ph.D. thesis of numerous students; *Pub:* More than 40 research papers; *Exp:* Lucknow Univ. 1950-58; Gorakhpur Univ. 1958-65; *Mem:* Indian Science Congress Association, Indian Chemical Society, International Society for Tropical Ecology; *Genl:* Has written popular Scientific articles in Science Reporter; *Knows:* Hindi, English, French & German; *Visited:* U.S.A. in 1952-53 for higher Studies; *Hobb:* Photography; *Add:* Keerthi Nivas, 1063/37, IV Cross, I Main Road, Vidyaranyapuram, Mysore.

JOSHI, (Dr.) Lalmani - Senior Research Fellow in Buddhism, Guru Gobind Singh Dept. of Comparative Religion, Panjabi Univ. since March 1968; *b* 27 July 1935 at Tanakpur in Dist. Almora; *Edn:* M.A. in 1960 from Gorakhpur Univ., M.A. (Pali) in 1966 from BHU, Ph.D. (Buddhist Studies) in 1964 from Univ. of Gorakhpur; *Resch Exp:* for over 7 years; *Pub:* Book on 'Studies in the Buddhistic Culture of India' besides 20 research papers and textual studies; *Exp:* Dept. of Ancient History, Archaeology & Culture, Gorakhpur Univ. for 6 years; *Mem:* All India Oriental Conference, Indian Archaeological Society, Sanskrit Univ. Darshan Parishad, founder-member of Rahul Sanskrityna Institute, Gorakhpur; *Knows:* Hindi, Sanskrit, Pali & English; *Add:* c/o Sri Tika Ram Moti Ram, Tanakpur, Dist. Nainital.

JOSHI, (Dr.) M.S.—Reader in Physics, S.P. Univ. since 1959; *b* 30 March 1923 at Bulsar in Gujrat; *Edn:* M.Sc. in 1946 from Wilson College, Bombay & Ph.D. in 1959 from Royal Holloway College, London; *Resch Exp:* For ten years in Solid State Physics, growth and dislocations of crystals, besides guiding several research scholars; *Pub:* Text books like 'Physics for Preparatory Science Students', 'Pratical Physics for Pre-Sc. Students', 'Examples in Physics' and 6 similar books besides about 30 articles; *Exp:* Wilson College, Bombay for 3 years; V.P. Science College, Vallabh Vidyanagar for 14 years; *Mem:* Member of Senate and Chairman of Board of Studies at S.P. Univ., member of the Technological Cttee for preparation of terms in Gujrati; *Knows:* Gujrati, Hindi & Sanskrit; *Visited:* U.K. for Ph.D.; *Hobb:* Photography and music; *Add:* Physics Dept., S.P. Univ., Vallabh Vidyanagar.

JOSHI, (Dr.) Mohan Chandra—Head, Dept. of Botany, B.I.T.S. Pilani since 1966; *b* 29 January 1928 at Nayal Dafaut, P.O. Bageshwar in Dist. Almora; *Edn:* M.Sc. (Botany) in 1951 & Ph.D. in 1960 from Birla College, Pilani; *Resch Exp*: For over 15 years; *Pub*: About 25 papers mainly dealing with ecology of desert plants; *Exp*: For past 15 years at Birla College, Pilani, now called as B.I.T.S.; *Mem*: International Society of Tropical Ecology, Botanical Society of Saugor Univ., Rajasthan Academy of Sciences, British Ecological Society (1954-65),; *Knows*: English, Hindi, Urdu, Kumaryin & Rajasthani; *Visited*: Pakistan & U.S.A.; *Add*: Dept. of Botany, B.I.T.S., Pilani.

JOSHI, Motilal—Principal, Govt Dhuleshwar Sanskrit College, Manoharpura, Jaipur since 1961; *b* 14 May 1935 at Badi-Jodi in Dist. Jaipur; *Edn*: Acharya (Sahitya) from Rajasthan Univ., Acharya (Vyakaran) from Bharitya Vidya Bhawan; *Resch Exp:* Doing work on 'Probodha-chandrika'; *Exp:* Govt. Sanskrit Vidyalaya, Shahapura; Govt. Sanskrit College, Jodhpur; Maharaja Sanskrit College, Jaipur; *Mem:* Rajasthan State Sanskrit Advisory Board, Rajasthan Sanskrit Sahitya Sammelan, Bharat Sewak Samaj, All India Sanskrit Sammelan besides other Univ. bodies; *Knows:* Hindi & Sanskrit; *Add:* Govt. Dhuleshwar Sanskrit College, Manoharpura (Jaipur).

JOSHI, Natwar Lal—Principal, Shree R.B. Sanskrit College, Lachhmangarh since July 1967; *b* born at Lachhmangarh; *Edn:* Sahitya in 1955 from Hindi Sahitya-ratna Sammelan, Prayag; Sahityacharya in 1961 from BHU; M.A. (Hindi) in 1967 from Univ. of Rajasthan; *Pub:* Shekhawati, Swarna Jayanti Grantha besides poems, essays and stories; *Honours:* Won prizes at various Sahitya Sammelans, kavisammelans and Vedasammelans; *Exp:* Sri Rishi Kul Brahmacharyaashrma; *Mem:* Rajasthan Sanskrit Sammelan Maha Samiti, Rashtrabhasha Prachar Samiti, Sahitya Parishad (its President) and other Univ. bodies; *Knows:* Hindi, Rajasthani, Sanskrit, Bengali & English; *Hobb:* Chess and writing poems; *Add:* Shree R.B. Sanskrit College, Lachhmangarh, Rajasthan.

JOSHI, Pranshanker Someshwar—Johannesburg Indian School, Transvaal, S. Africa; *b* 20 February 1897 at Rajkot; *Edn:* Inter in Arts in 1919; *Resch Exp:* In African culture, colour problem in S. Africa, Relations with S. Africa; *Pub:* Books on 'Tyranny of Colour', 'Apartheid in South Africa', 'Unrest in South Africa', 'African Mahakranti', 'Vishvana Maha Dharma', 'Swami Ramanand; *Exp:* at Johannesburg Indian School, Transvaal for 37 years; *Mem:* Presided over the first non-European Literary Conference in 1944 in Johannesburg, member of Indian P.E.N., President of Transvall Hindu Seva Sangh, member of South Africa P.E.N. Club, International Club (S. Africa); *Genl:* Award from Govt. of Gujrat for African Mahakranti'; interested in cultural uplift,

world brotherhood, peace and building of national character; *Visited:* Portuguese East Africa, Tanganyika, Zanzibar, Kenya for study of racial problems; *Hobb*: Writing, reading and walking; *Add*: Johannesburg Indian School, Johannesburg, S. Africa.

JOSHI, (Dr.) Purushottam Mahadeo—Prof., Deccan College, Prof. in Charge, Dept. of History, Univ. of Poona since 1966; *b* 26 June 1906 at Lonavla in Dist. Poona; *Edn:* M.A. (Econ) in 1929 from Univ. of Bombay; Ph.D. in 1935 from School of Oriental Studies, London; *Resch Exp:* For past about 35 years; *Pub:* 'Expansion of Maratha Power', 'Revival of Maratha Power', 'Reign of Ibrahim Adil Shah II', besides 25 research papers on medieval Indian history; *Honours:* Manockjee Gold Medal & Prize 1929, Pandit Bhagwanlal Indraji Gold Medal & Prize 1939; *Exp:* School of Librorianship, Bombay Univ. 1943-47; Deccan College, Poona since 1965; *Mem:* Vice President, International Congress of Archives, Paris, 1950, at Hague in 1953; Member, Indian History Congress (In Managing Cttee for several years and Sectional President 1948), Numismatic Society of India (in Managing Cttee for several years and President in 1954), Museum Association of India (in Managing Cttee for several years and its Hony. Secy. 1954-64), Institute of Historical Studies, Bharat Itihas Samshodhak Mandal, Asiatic Society of Bombay, besides several Clubs in different cities; *Knows*: English, Marathi, Sanskrit, Urdu, Persian & French; *Visited*: U.K., France, Italy Holland, U.S.A. Sweden, visited U.K. five times; *Hobb*: Hiking and visiting hills and dales; *Add:* Deccan College, Poona.

JOSHI, (Dr.) Ramanlal Jethalal—School of Languages, Gujarat Univ. since 1962; *b* 22 May 1926 at Vadngar in Gujarat; *Edn:* M. A. (Gujarati) in 1954 winning Rao Bahadur K.H. Dhruv Prize, Ph.D. from Gujarat Univ.; *Resch Exp:* For about 15 years; *Pub*: Books on 'Goverdhanram—ek Adhyayan, 'Navalram nu Sakshar Jeevan' besides several papers, poems, reviews in Gujarati journals; *Honours:* Reviewed the books published in 1963, on behalf of Gujarat Sahitya Sabha; *Exp*: Sir L.A. Shah Arts College, Ahmedabad; *Mem:* P.E.N., Working Cttee of Gujrati Literary Conference, Convenor of Ahmedabad Writers' Association; *Genl*: Currently engaged in critically editing the medieval Gujarati texts from original manuscripts; *Knows*: Gujarati, English, Sanskrit & Hindi; *Hobb*: Reading and travelling; *Add*: School of Languages, Gujarat Univ., Ahmedabad-9.

JOSHI, Ramtirth Jayram—Principal, S.I.E.S. College of Arts & Science, Bombay-22 since March 1963; *b* 8 June 1924 at Padghe; *Edn*: M.A. (Econ) in 1950 from Bombay Univ.; *Pub*: 'Zilla Parishad Elections and the Dist. Political elite in Maharashtra', 'One Dominant party Politics in Maharashtra', 'General Elections in Goa', 'Marxism and M.N. Roy' & 'Urban Political Behaviour in India'; *Exp*: Ramnarain Ruia College, Bombay; *Mem*: All India Political Association, Senate. Academic Council, Board of Studies of Bombay Univ.; *Visited*: W. Germany & U.S.A.; *Knows*: English, Germany, Marathi, Hindi, Urdu & Gujarati; *Hobb:* Sports & classical music; *Add*: S.I.E.S. College of Arts & Science, Bombay-22.

JOSHI, (Dr.) Rasik Vihari—Head, Dept. of Sanskrit, Univ. of Delhi since May 1965; *b* 12 September 1927 at Nagpur; *Edn*: M.A. (Sanskrit) in 1952 from Agra Univ., Ph.D. (Krsna cult in Sanskrit literature) in 1954 from BHU & D. Litt. (Le Rituel de la devotion Krsnaitre' from Sorbonne of Paris Univ.; *Resch Exp*: For ten years guiding research scholars; *Pub*: Books on 'Vaidika Sahitya ki Ruparekha', 'Le rituel de la devotion Krsnaiti', 'Rasapancadhyayi—Sanskritka Adhyayna) & 'The Kalpalta of Pt. Ramprtap Shastri' besides five articels; *Honours*: Awarded Medal by the Charles Univ. of Prague, Czechoslovakia for work in Sanskrit; *Exp*: Lucknow Univ. 1956-57; Reader in Sanskrit 1957-65 at Delhi Univ.; *Mem*: Societe Asiatique (Paris), Ecote Francaise d'Extreme Orient (Paris), All India Oriental Conference, Secy. of Philosophy & Religion of International Congress of Orientalists; besides of several academic bodies of different universities; *Knows*: English, French, Sanskrit & Hindi; *Visited*: France, Czechoslovakia, Poland, W. Germany, Hungary & Cambodia; *Add*: Dept. of Sanskrit, Univ. of Delhi, Delhi.7.

JOSHI, (Dr.) Shri Krishna—Head of Physics Dept., Roorkee Univ. since February 1967; *b* 6 June 1935 at Anarpa in Dist. Almora; *Edn:* M.Sc. (Physics) in 1957 winning Ward-Vidyant Gold Medal & D. Phil. (Physics) in 1962 from Allahabad Univ.; *Resch Exp:* In Solid State Theory and Experiment; *Pub*: Over 60 research papers in Indian and foreign journals; *Honours*: Awarded Watumull Memorial Award in 1965; *Exp*: Allahabad Univ. 1957-65, Univ. of California 1965-67; *Mem*: American Physical Society; *Knows*: English, Hindi & French; *Visited:* U.S.A.; *Add*: Anarpa, P.O. Debidhura, Dist. Almora.

JOSHUA, Gurram—Nominated M.L.C., Andhra Pradesh Legislative Council, Hyderabad since 1964; *b* 28 September 1895 at Vinukonda in A P.; *Edn*: Lower Secondary Grade Training in 1911 and Ubhaya Bhasha Pravina in 1935; *Pub*: Books in poetry—Life of Shivaji, Phiradousi, Swapna Katha, Gabbilam, Mumtaj Mahal, Kaudisikudu, Nethaji, Bapuji, Swavmavaram, Kothalokam, Rastra Puja, Life of Christ, Musaffirs, Khando Kavyams (Parts 1 to 8), Nakatha besides plays like—Rukmini Kalyanam, Mirabai & Dhouvavijayam; *Honours*; Recepient of several titles like—Kavikokila, Kavita-Visarada, Kavi diggaja, Navayuga Kavi, Chakravarthi, Madhura Srinatha, Viswakavi Samrat besides a cash Prize of Rs. 5,000/- from President of India on his book 'Life of Christ'; *Exp*: Training School, Xian College, Guntur 1929-31; *Mem*; M.L.C. and member of Andhra Sahitya Akademy; *Knows* Telugu & English; *Add*: c/o A.P. Legislative Council, Hyderabad.

JOSYULU, (Dr.) Bhandaram Bheemsena (Nirmal)—Lecturer in Hindi, Arts & Science College, Secunderabad ; *b* 30 November 1930 at Medak in A.P.; *Edn*: M.A. (Hindi) in 1958, Ph.D. in 1964. M.A. (Telugu) in 1960 from Osmania Univ.; *Resch Exp*: Working for D. Litt. on the subject of the comparative study of Ramayana in Hindi & Telugu ; *Pub*: 'Kavi Sri Mala: Tirupati Venkata Kavulu', 'Kavi Sri Mala: Katuri Pingali Kavulu, 'Nikhare Hire' & 'Telugu ka Upanyas Sahitya' etc.; *Honours*: Awarded Prize in 1962 for best translation; *Exp*: Hyderabad Public School, Hyderabad 1952-60 ; *Mem*: On the Editorial Board of 'Anuvad', 'Bharatiya Siksha', 'Hindi Telugu Sabda Kosh Samiti' and Asstt. Secy. of Hindi Lekhak Sangh, A.P. Sahitya Akademy; *Genl*: Translation from Telugu to Hindi and vice versa; *Knows*: Telugu, Hindi, English & Urdu; *Hobb*: Philately and collection of old manuscripts; *Add*: 1-1-405/7-1, Gandhinagar, Musheerabad, Hyderabad-20.

JUDSON, D.—Principal, Govt. Training College, Warangal ; *b* 11 July 1932 at Hanamkonda in A.P.; *Edn*: M.A. (English) in 1961 & B.Ed. from Govt. Training College, Warangal; *Pub*: On 'Poetry and poets' & 'A pair by the Pond' etc.; *Exp*: Govt. Multipurpose High School, Hanamkonda; Govt. Mining Institute, Kothagudem; Govt. Polytechnic, Warangal; *Mem*: College Teachers Association; *Genl*: Participated in several excursions to various parts of India; *Hobb*: Albums and stamp collection; *Add*: Govt. Training College, Warangal.

JUNNARKAR, (Dr.) Rameshchandra Vithalrao—Prof. & Head, Dept. of Pathology, Medical College, Nagpur since January 1958; *b* 17 January 1920 at Jamnagar; *Edn*: M.B.B.S. in 1945 from S.G S. Medical College Bombay; M.D. in 1952 & F.C.P.S. in 1952 from B.J. Medical College, Poona; *Resch Exp*: For about 20 years; *Pub*: Numerous articles on leprosy in India; *Exp*: Jr. Lecturer 1948-52, Lecturer 1952-58 in B.J. Medical College, Poona; *Mem*: Indian Association of Pathologists, Indian Association of Microbiologists, International Academy of Pathology (U.S.A.); *Knows*: Marathi, Gujarati & Hindi; *Visited*: U.S.A. in 1963-64; *Add*: Dept. of Pathology, Medical College, Nagpur.

JYOTISHI, Jwala Prasad—Principal, M.G. Mahavidyalya, Kareli since 1967; *b* 14 March 1909 at Kareli in M.P.; *Edn*: M.A. (Hindi) in 1941, first class first and winning Korea Durbar Gold Medal & LL.B. in 1946 from Nagpur Univ.; *Resch Exp*: In 'Gandhism and its influence on Hindi literature'; *Pub*: Books on Kalrava, Pancha Janya. Ajeya Bharat, Bhagat Ram, Pashan ke Ansoo, Anuragni Kubja, Panchjanya ke Pukar, Atma and Anatma, Vajraghat, Pashani, Pashani Ahilya, Renuka, Vidrohi, Lankesh, Maryada Purushottam are some of his works; *Exp*: As teacher for 12 years in different Institutions; *Mem*: Court, Academic Council, Reference Cttee of Saugar Univ.; Executive Cttee of F.R.I., Dehra Dun and various consultative bodies appointed by the Union Parliament and State Legislature; *Genl*: Member of M.P. Vidhan Sabha for 5 years, member of Lok Sabha for 10 years, sometimes Chief Editor of a Daily, founded three schools; *Knows*: Hindi, English, Urdu & Bengali; *Hobb*: Poetry; *Add*: 9, Subhas Bazar, Sagar, M.P.

JYOTISHI, (Dr.) Rameshwar Prasad—Chairman, Dept. of Horticulture, J.L.N. Krishi Vishwa Vidyalaya, Jabalpur since 1964; *b* 1 July 1920 at Chandkhuri in Dist. Raipur; *Edn*: Ph.D. in 1950 from Univ. of Florida Gainesville, U.S.A.; *Resch Exp*: For 8 years; *Pub*: Twelve articles on trace elements, ber trees, growth and yield of onion, garden peas, growth of auliflower, food value of inga dulcis and kitchen gardening; *Exp*: Agri. College, Nagpur for 12 years; Agri. College, Jabalpur for 10 years; *Mem*: Board of Studies, Faculty of J.L. Nehru Vishwavidyalaya; *Knows*: Hindi & English; *Visited*: U.S.A. & U.K.; *Hobb*: Gardening and literary writing; *Add*: J.L.N. Krishi Vishwavidyalaya, Jabalpur.

k

KACHROO, (Dr.) Premnath—Prof. & Head, Dept. of Botany, J&K Univ. since 1967; *b* 16 October 1924 at Srinagar; *Edn*: M.Sc. in 1948 with first class first & Ph.D. in 1955 from Panjab Univ. ; Post-doctoral work in Michigan Univ., USA during 1956-57; *Pub*: 95 research articles in Indian and foreign journals, three books on gardening; *Exp*: Panjab Univ. 1947-50; Gauhati Univ. 1950-54; *Mem:* Fellow of Linncan Society of London, Indian Botanical Society; Member of several professional bodies; Technical editor of all research publications in I.C.A.R. during 1959-66 ; editor of Indian journals of Agrl. Sciences and Indian Journal of Vety. Sciences 1959-67; *Knows:* English, French, Urdu, Hindi, Panjabi & Bengali; *Visited*: USA 1956-57 and 1966-67; *Hobb:* Hiking, photography and plant collection; *Add*: Dept. of Botany, J&K Univ., Srinagar.

KACHRU (Dr.), Braj S. — Assoct. Prof., Dept. of Linguistics, Illinois Univ , USA since 1963; *b* 15 May 1932 in Kashmir; *Edn*: M A. (English) in 1955 from Allahabad Univ.; Dip. App. Ling. in 1959, Ph.D. in 1961 from Univ. of Edinburgh, UK; *Resch Exp*: Director and Principal Investigator, Kashmiri Project in Univ. of Illinois; *Pub*: Books on 'Indian English: A Study in Contextualization', 'Grammatical Sketch of Kashmiri', 'A Reference Grammar of Kashmiri' and other articles on linguistics; *Honours*: British Council Fellowship 1958-60, Faculty Fellow of American Institute of Indian Studies 1967-68, Academic Director of Inter-Univ. Rotating Summer Programme in South Asian Studies; *Exp*: Lucknow Univ. 1962-63; *Mem*: Linguistic Society of America, American Oriental Society, Indian PEN, Linguistic Society of India, Philological Society of Great Britain; *Knows*: English, Kashmiri & Hindi; *Visited*: UK, USA, Ceylon and Japan; *Add*: c/o American Institute of Indian Studies, D/176, Defence Colony, New Delhi-3.

KACHRU, (Dr.) Mrs. Yamuna—Asstt. Prof. of Linguistics, Univ. of Illinois, USA since 1965; *b* 5 March 1933 at Purulia in Dist. Manbhum; *Edn*: M.A. (Hindi) in 1955 with first class first and record marks from Patna Univ.; Ph.D. (Linguistics) in 1965 from London Univ.; *Resch Exp*: For 10 years; *Pub*: Several articles on Applied Linguistics & Hindi, Influence of Tagore on Hindi literature, Hindi manuscripts in India Office Library, and a Book on 'Introduction to Hindi Syntax' etc.; *Exp*: Ranchi Women's College, Ranchi 1956-58; School of Oriental & African Studies, Univ. of London 1959-65; *Mem*: Linguistic Society of India, Linguistic Society of America, Linguistic Association of Great Britain; *Knows*: Hindi, Bengali, Marathi and English; *Visited*: UK & USA; *Add*: c/o American Institute of Indian Studies, D-176, Defence Colony, New Delhi-3.

KADAM, Gulab Balkrishna—Principal, Yeshwant Arts College, Wardha since 1966; *b* 13 September 1927 at Yeotmal; *Edn*: M.A. (History) in 1957 from Nagpur Univ.; *Pub*: on Places of Historical Interests in Northern India, Non-Combatants of the Maratha Army, Morality-Individual and Social, Morality & Religion, Folk High Schools in Sweden etc.; *Honours*: First in Univ. in M.A. and awarded Rajendra Prasad History Congress Prize; *Exp*: Rural Institute, Amravati for 9 years; *Mem*: Indian History Congress; Court, Academic Council and Board of Studies in History of Nagpur Univ ; *Genl*: Commissioned Officer in the Territorial Army and seen active service in 1965; *Knows*: English, Marathi, Hindi, Gujrati & Swedish; *Visited*: Sweden in 1961 to study Adult Education in Sweden; *Hobb*: Photography, gardening and dramatics; *Add*: Yeshwant Arts College, Wardha.

KAHLON, (Dr) Avtar Singh—Dean, College of Basic Sciences & Humanities, Panjab Agrl. Univ., Ludhiana since October 1965 ; *b* 22 January 1923 at Vill. Baradalla in Dist. Sialkot ; *Edn* : M. A. (Econ) in 1950 from Punjab Univ. & Ph.D. (Agrl Econ) in 1960 from Kansas State Univ., USA ; *Resch Exp* : For 20 years ; *Pub* : Over 100 research papers and articles in journals of India and abroad ; *Honours* ; Prizes from Indian Society of Agriculture for writing best research papers on problems ; *Exp* : Lecturer in Agrl. Economics, P G. Dept. of Punjab Univ. for 5 years ; Asstt. Prof., I.C.A.R., New Delhi for 4½ years ; Research Asstt. at Kansas Univ. for 2½ years ; Univ. Prof. & Head of Dept. in Punjab Agrl. Univ. for 5 years ; Dean since 1965 ; *Mem* : Indian Society of Agricultural Economics, Indian Society of Agronomy, Indian Society of Horticulture, Lions Club (Ludhiana), Gama Sigma Delta (USA) ; *Knows* : Panjabi, English, Hindi & Urdu ; *Visited* : USA & France ; *Hobb* : Gardening ; *Add* : College of Basic Sciences & Humanities, Punjab Agrl. Univ., Ludhiana.

KALACHERRY, V. Rev. Msgr. Francis—Principal, St. Berchmans' College, Changanacherry since 1961 ; *b* 1 June 1909 at Kainakary in Kerala ; *Edn* : B.Sc. (Hons) (Chem) in 1946 from Univ. College, Annamalai ; *Exp* : S. B. College, Changanacherry for 22 years ; Mar Ivanios College, Trivandrum for 5 years ; *Mem* : Senate of Kerala Univ., Xavier Board of Christian Higher Education in India, Kerala State Planning Forum Executive Cttee, All India Christian Higher Education Council (its State member & Executive Member) ; *Genl* : Nominated Papal Chamberlain in September 1964 ; *Knows* : English, Latin, Syriac & Malayalam ; *Hobb* : Gardening : *Add* : Priests Home, Parel, Changanacherry, Kerala.

KALIDAS, (Dr.) Chatty—Lecturer, Dept. of Chemistry, Indian Institute of Technology, Madras since 1962 ; *b* 13 July 1934 at Kakinada in Dist. East Godavari ; *Edn* : M.Sc. (Chem) in 1955 from Andhra Univ. & Ph.D. (Chem) in 1961 from Jadavpur Univ. ; *Resch Exp* : For 12 years ; *Pub* : Ten papers ; *Exp* : Started at I.I.T., Madras ; *Knows* : English, Telugu, Bengali & German ; *Hobb* : Reading general books, indoor games and table tennis ; *Add* : Dept. of Chemistry, I. I. T., Madras-36.

KALYAN, (Dr.) Kulkarni Narhar—Principal, Brihan Maharashtra College of Commerce, Poona-4 since May 1966 ; *b* 19 March 1921 at Ichalkaranji, Kolhapur ; *Edn* : M. A. (History) in 1946 from Bombay Univ. & Ph.D. (Econ) in 1959 from Poona Univ.; *Resch Exp* : Recognised guide for Ph.D. of Shivaji Univ.; *Pub* : Several articles in Indian Economic Journal ; *Exp* : Willingdon College, Poona 1950-66 ; *Mem* : Chairman, Board of Studies in Economics in Shivaji Univ. ; Member, Faculty, Court, Academic Council of Univ. of Poona ; Prof-in-charge, Commerce Dept. of Poona Univ. ; *Knows* : Marathi, Sanskrit & English ; *Hobb* : Tennis and music ; *Add* : B.M. College, Poona.

KAMAKSHI, (Miss) V.—Principal, Seethalakshmi Ramaswami College, Tiruchirapalli-2 since 1959 ; *b* 20 April 1927 at Kancheepuram ; *Edn* : M. A. in 1951 from Annamalai Univ. B.T. in 1951 from Lady Willingdon Training College ; *Pub* : Several articles on education ; *Exp* : Joined Seethalakshmi Ramaswami College in 1951 and since then held various positions ; *Mem* : Trustee in the Board of Trustees of Seethalakshmi Ramaswami College, Tiruchirapalli and Savithri Vidyasala Hindu Girls High School, Tiruchirapalli ; Member of Academic Council, Senate of Madras Univ., President of Agmark Consumers' Association (Dist. Trichy), Member of Home Science Association of India, Productivity Council of Trichy and several others; *Knows* : English, Sanskrit, Hindi & Tamil ; *Hobb* : Singing & reading books ; *Add*: College Hostel, Post Box 349, Teppakulam Post, Tiruchirapalli-2.

KAMAL, (Dr.) A. K.—Prof. & Head, Dept. of Electronics & Communication Engg., Univ. of Roorkee since May 1964; *b* 5 July 1927 ; *Edn*: M.S. in 1948 from Allahabad Univ. D.I.I. Sc. in 1951 from Indian Institute of Science, Bangalore; Dr. Eng. in 1957 from Univ. of Paris; *Resch Exp*: For several years; *Pub*: about 20 articles on Pulse Modulations Noise Radar Systems, Optical Absorption Filter, Cathode Luminescence of Ruby, Microwave Energy Conversion etc. ; *Exp* Lecturer, Delhi Polytechnic, Delhi 1951-52; Engineer with Marconi's Wireless Telegraph Co., UK 1952-54; Senior Engineer with C.S.F., Paris 1954-57; Head of Microwave Division, Govt. of India 1957-58; Ligne Telegraphique et Telephonique, Paris 1958-59; Director of Millimeter Wave & Quantum Electronics Labs., Purdue Univ., 1959-64; Prof & Head, Dept. of Electronics & Comm. Engg., Univ of Roorkee 1964-65, and again from February 1966; Visiting Prof., South Carolina Univ., USA 1965-66; *Mem* : I.E.E.E. (USA), Associate Member of I.E.E. (London), Sigma Xi; *Visited* : USA & France; *Add* : Dept. of Electronics & Comm. Engg.. Roorkee Univ., Roorkee.

KAMAT, (Dr.) Deodatta Narayan—Head Dept. of Zoology, Shivaji Univ. since 1964; *b* 8 April 1920 at Kumtha in Dist. Karwar; *Edn*: M.Sc. in 1947 and Ph.D. in 1955 from Bombay Univ.; *Resch Exp*: For 15 years in cytology, electron microscopy, autoradiography, sperm cells of milk-weed bug, onion root-tip cells, histochemistry of Earthworm Prostate, albumin gland of a slug etc.; *Pub*: Elements of Biology, Life of Animals, The Web of Life & several research papers; *Honours:* Awards from Univ. of Poona 1955; grant-in-aid from Govt of India 1955-56 and 1957-58; again in 1958-59, 1959-60 and from CSIR 1961-62; *Exp*: N.Wadia College, Poona; Univ. of Poona; *Mem*: Sigma Xi (USA), Maharashtra Association for Cultivation of Science; *Visited*: USA, UK, France, W. Germany and Switzerland for higher studies and lecturing; *Knows*: Marathi, English, Kannada, Konkani and Hindi; *Hobb*: Indian classical music, photography and gardening; *Add*: Professors' Quarters, Shivaji Univ. Campus, Kolhapur-4.

KAMAT, Prof. M.N.—Head, Dept. of Mycology & Plant Pathology. M.A.C.S. since 1952; *b* 5 May 1897; *Edn*: B.Ag. in 1919 from Bombay Univ., & M.Sc. in 1939 from Minnisota Univ. (USA); *Resch Exp*: For over two decades; guiding research students; *Pub*: More than 150 papers and 7 text books and laboratory guides; *Exp*: For 32 years teaching at Agri. College, Poona; *Knows*: Marathi, Hindi & English; *Visited*: USA, UK and Continent to visit their Agricultural Institutes; *Hobb*: Vocal music, painting and gardening ; *Add:* M.A.C.S., Agarkar Road, Poona-4.

KAMBOJ, Madan Mohan Saran—Founder Director, Kamboj Saptakala Niketan, Meerut since 1937; *b* 15 July 1915 at Garhmukteswar in Dist. Meerut; *Edn*: M. Music (Instrumental Music) in 1960 from A.B. Gandharva Mahavidyalaya Mandal, Poona; M. Music (Sitar) in 1961 & M. Music in Vocal from Vishnu Digambar Univ. of Music, Prayag Sangit Samiti, Allahabad; *Pub*: Sangit Sudha' in four Volumes and 'Sitar Sudha' also in 4 volumes; *Exp*: Head of Music Dept., Raghunath Girls College for 7 years, All India Radio Broadcaster as casual artist for 20 years; *Mem*: Paper setter, Head examiner and Examiner in Panjab, U.P. Board, Agra Univ.; President, Kalakar Sangh, Meerut; attended numerous musical conferences throughout India; *Knows:* Hindi, Urdu and English; *Hobb*: Music ; *Add:* 23 A, New Market, Begum Bridge, Meerut.

KAMDAR, Chhotalal Mansing—Retired and a writer; *b* 4 February 1898 at Motadevalia in Saurashtra; *Pub*: Books on Harindranan Natko Bharat Bhakta Gokhale-Nan Sansmarno, Jamnagar nun Suryagriha' Booker T. Washington, Santnan Smarnu, Vishwadarshan, Jagatman' Januajevun, Shri Raman Maharshi, Vishwani Vichitratao, Buddhi Sagar, Gandhijina Jeevan Prasango, Prerak kathao, Mane Neerakhvagame, Jnan Vijnan Darshan; *Exp:* Wankaner High School, Wankaner 1927-58; *Mem*: Indian PEN, Trustee of Revashanker Devchand Memorial Fund, member of other social and educational cttees; *Knows*: Gujarati, English & Sanskrit; *Visited:* Chicago World Fair in 1933 to present as world's longest moustached man; *Hobb*: Reading and writing; *Add*: Wankaner, Gujarat.

KANAL, Satyavan Parsram—Reader & Head of the Dept. of Philosophy, Institute of P. G. Studies, Delhi Univ. since 1959; *b* 27 August 1911 at Ferozepur City; *Edn*: B.A. (Hons) (Phil) from Univ. of London; *Pub*: Books on 'Nationalism in Modern Indian Philosophy', 'Introduction to Dev Dharma', 'Balak ka Bhav Vikas', Mata Montessori ke Vichar aur Vidhi', 'Kishoron ka Bhav Vikas', 'Bachon ke Khel Khilone', 'Bachon ke Samasyayen' etc.; *Exp:* Ramsukh Das College, Ferozepur City 1934-41; Dev Samaj College for Women, Ferozepur 1941-48; Punjab Univ. Camp College, New Delhi 1948-59; *Genl*: Journalist, Editor of 'Science Grounded Religion', member of the Editorial Board of S.P.C.A. (Delhi); *Knows:* English, Hindi, Urdu, & Sindhi; *Add*: 570, Double Storey, New Rajinder Nagar, New Delhi-5.

KANDLIKAR, (Dr.) P. D.—Professor of Forensic Medicine, Gandhi Medical College, Hyderabad since June 1965; *b* 12 January 1929 at Hyderabad; *Edn:* D.C.P. in 1960 & M.D. in 1962 from Osmania Medical College, Hyderabad; *Resch Exp:* In classification of Anaemia-an etiological basic; *Exp:* Asstt. Prof. in Pathology, Osmania Medical College for 8 years; *Mem:* Indian Medical Association, Indian Association of Pathologists; *Knows:* English, Hindi, Urdu, Marathi & Telugu; *Add:* Dept. of Forensic Medicine, Gandhi Medical College, Hyderabad.

KANE, Pandurang Vaman—National Prof. of Indology; *b* 7 May 1880 at Dapoli in Dist. Ratnagiri; *Edn:* M.A. in 1903 & LL.B. in 1909 from Bombay Univ.; *Resch Exp*: Large number of books in Sanskrit, History of Dharmasastra in five volumes containing 6000 pages, edited numerous works in Sanskrit & English; *Honours*: Nominated member of the Rajya Sabha awarded National Professorship for five years in 1959 and renewed in 1964 ; *Exp* : Teacher at Ratnagiri and Bombay 1904-11 ; Law Professor at Govt. Law College, Bombay 1916-21; *Mem :* Asiatic Society (of Bombay), member of several academic bodies in various universities ; *Visited* : England, France, Germany, Turkey, America on Govt. and personal visits ; *Add* : Angre's Wadi, Bombay-4.

KANEKAR, (Dr.) Chandrakant Ramchandra—Assoct. Prof., Chemical Physics Group, Tata Institute of Fundamental Research, Colaba, Bombay since February 1968; *b* 21 June 1919 at Kalyan in Dist. Thana; *Edn*: M.Sc. in 1941 & Ph.D. in 1947 from Bombay Univ., Ph.D. in 1953 from London Univ.; *Resch Exp*: In the field of Magnetochemistry, application of N.M.R. and mossbauer effect in Chemistry; *Pub*: Over 50 papers in Indian and foreign journals; *Exp:* S.P. College, Poona 1946-47; Institute of Science, Bombay 1947-55; joined Tata Institute of Fundamental Research, Bombay in 1955; *Mem:* Fellow of Chemical Society (London), Indian Chemical Society; *Knows:* English, Hindi, Marathi; *Visited*: UK 1950-53, Europe 1960 and 1965, Australia 1961-63, New Zealand 1963; *Add*: Modi Louge, Vacha Gandhi Road, Bombay-7.

KANWALLI, Sadananand Veerappa—Principal, Municipal Arts College, Lakshmeshwar since June 1967; *b* 28 September 1935 at Koradur in Dist. Dharwar; *Edn*: M.A. (English) in 1958 from Karnatak Univ.; *Exp*. P.C Jabin Science College, Hubli 1958-59; Vijay College, Bijapur 1959-63; College of Commerce, Bijapur 1963-66; S.G. Arts & Science College, Koppal 1966-67; *Mem*: Board of Studies in English of Karnatak Univ.; *Knows*: English, Kannada and Hindi; *Add*: Municipal Arts College, Lakshmeshwar.

KAPADIA, Kantilal Bhukhandas—Reader in Sculpture, M.S. Univ. of Baroda since 1952; *b* 30 May 1911 at Gandevi in Dist. Bulsar; *Edn*: Training in Higher Art from Govt. of Bombay; Govt. Diploma in Art (Modelling & Sculpture) in 1938; *Pub*: Several articles on art, lives of artists and critical writings; *Exp*: M.S. Univ. of Baroda since 1952; *Mem:* Board of Studies in Sculpture, BHU; Higher Art Examination Board of Govt. of Gujrat; *Genl*: Executed several sculptural portraits and monuments in Gujrat and awarded prizes and medals; *Knows*: English, Gujarati & Hindi; *Visited*: England, France, Holland, Belgium, Switzerland, Italy, Greece, Egypt & Nepal to study their sculpture; *Hobb:* Philately and numismatics; *Add*: Faculty of Fine Arts, M.S. Univ. of Baroda. Baroda.

KAPADIA, Vinay Ratilal—Principal, Anand Arts College, Anand since June 1965; *b* 7 February 1935 at Borsad in Dist. Kaira; *Edn:* M.A. (Econ) in 1958 & LL.B. in 1958 from Bombay Univ.; *Resch Exp*: For one year 1959-60 in Economics Dept. of Reserve Bank of India; *Honours:* Awarded M.K. Tata Prize; *Exp*: Khalsa College, Bombay; L.D. Arts College, Ahmedabad; K.M. Arts College, Kalol; U.M. Arts & Commerce College, Upleta; *Mem*: Indian Economic Association, I.I.P.A., Gujrat Club, Rotary Club ; *Knows*: English, Hindi & Gujrati; *Hobb*: Reading, music and travelling ; *Add*: Medavada Street, Borsad Dist. Kaira.

KAPIL, (Dr.) Hans K.—Head, Dept. of Psychology, B.R. College, Agra since July 1964; *b* 14 January 1924 at Saharanpur; *Edn:* M.A. (Econ.) in 1951 from Agra Univ., M.A. (Psy) in 1953 from BHU, LL.B. in 1958 and Ph.D. (Psy) in 1968 from Agra Univ. ; *Pub*: Several papers on Reaction of Peasantry towards Govt. Reforms, Problems of Prostitution, Changing pattern of values in Hindu Society, History of Prostitution in India, Patterns of problems of the College Students, Problems of the Teachers and Taught at the P.G. Level etc.; *Exp*: Teaching P.G. classes at B.R. College, Agra since 1958; *Knows*: English, Hindi, Urdu & Panjabi; *Hobb*: Cricket, photography and fiction; *Add*: Dept. of Psychology, B.R. College, Agra.

KAPOOR, D.C.—Head of the Dept. of Maths., D.A.V. College, Amritsar since 1958; *b* 25 February 1926 at Kang Khurd in Dist. Jullundur; *Edn*: M.A. (Maths) in 1951 from D.A.V. College, Jullundur; *Pub*: Ten books on Algebra, Co-ordinate Geometry and Differential Calculus for different classes; *Exp*: D.A.V. College, Hoshiarpur for 3½ years; D.A.V. College, Amritsar for past about 13 years; *Mem*: Indian Mathematical Society; *Knows*: English, Urdu & Hindi; *Hobb*: Study of modern topics in Maths., as Topology, abstract algebra and measure theory; *Add*: 45/2, Model Town, Amritsar.

KAPOOR, (Dr.) Ramesh Chandra—Prof. & Head, Chemistry Dept., Univ. of Jodhpur since 1963; *b* 22 December 1927 at Bareilly; *Edn*: M.Sc. (Chem) in 1946, D.Phil. in 1948 & D.Sc. in 1957 from Univ. of Allahabad; *Resch Exp*: For 22 years in Nitrogen transformations, Sulphydryl—Disulphide, Organic Polarography, Protein Denaturation, Polarography of Cerium and Thorium, Electrode Kinetics and Mechanism, Metal ions and Complexes; guiding several scholars for Ph.D. and D.Sc.; *Pub*: About 50 original research papers in Indian and foreign journals; *Exp*: Lecturer in Chem., Univ. of Allahabad 1947-53; Research Fellow, Univ. of Minnesota 1953-56; Asstt. Prof., Univ. of Allahabad 1956-62; Research Associate at Oklahoma State Univ., USA 1962-63; Dean, Faculty of Science, Univ. of Jodhpur since 1965; *Genl*: Awarded Empress Victoria Readership in 1946, Special Grant from Watumull Foundation in 1955, Grants for foreign Membership of American Chemical Society in 1960, 1963 & 1967; *Mem*: Fellow of the National Academy of Sciences (India), Indian Chemical Society, Vijnana Parishad, Indian Science Congress, American Chemical Society, Polarographic Society (London); *Knows*: English & Hindi; *Visited*: U.S.A. 1953-56 and 1962-63; Czechoslovakia 1962 and U.K. 1964; *Hobb*: Philately and photography; *Add*: Dept. of Chemistry, Jodhpur Univ., Jodhpur.

KAPOOR, (Dr.) Shashichand Fatehchand—Western Michigan Univ., USA *b* 7 September 1934 at Bombay; *Edn*: M.Sc. (Math) in 1957 & LL.B. in 1963 from Bombay Univ.; Ph.D. (Math) in 1967 from Michigan State Univ.. *Resch Exp*: Theoretical research in Topology and Graph theory since 1966; *Pub*: Books on 'A New Course in Calculus', 'A New Course in Algebra', 'Inverting & Monotone Properties of Complexes' besides several papers; *Exp*: Wilson College, Bombay; Kirti College, Bombay; Michigan State Univ. (USA); *Mem*: American Mathematical Society, Mathematical Association of America, Pi Mu Epsilon, Associate of Indian Institute of Bankers; *Visited:* USA for research and lecturing; *Kno s*: Hindi, English, Punjabi, Gujarati, Marathi, French & German; *Add*: c/o Popular Prakashan, Tardeo Road, Bombay-1.

KAPUR, (Dr.) Jagat Narain—Prof. & Head, Dept. of Mathematics, I.I.T., Kanpur since 1961; *b* 7 September 1923 at Delhi; *Edn:* M.A. in 1944 with first class first, Ph.D. in 1958 from Delhi Univ.; *Resch Exp*: Guiding research students; *Pub*: About 300 research papers, lecture notes and reports; 12 books written and 5 edited; *Exp*: Hindu College, Delhi 1944-59; Institute of P.G. Studies, Univ. of Delhi 1959-61; *Mem*: Indian Academy of Sciences, National Academy of Sciences, Institute of Mathematics (UK); President, Mathematics Section of Indian Science Congress 1968; Vice President, Indian Society of Theoretical & App. Mathematics 1964-66; Vice President, Bharat Ganit Parishad 1965- ; President, Kanpur Mathematical Society 1961- ; Member of Executive Council of Indian Mathematical Society, Operational Research Society of India; *Knows*: English, Hindi & Urdu; *Add*: Narain Niketan, 11, Darya Ganj, Delhi.

KAR, (Dr.) Amiya Bhuson—Dy. Director & Head, Divn. of Endocrinology, C.D.R.I., Lucknow since 1966; *b* 6 May 1918 at Calcutta; *Edn*: M.Sc. (Zoology) in 1940 with first class first and Gold Medal from Univ. of Calcutta; Ph.D. in 1946 from Univ. of Edinburgh; Resident Doctor at Cornell Univ., USA during 1946-47; *Resch Exp:* For past 25 years in endocrinology of reproduction and contraception; *Pub*: More than 200 papers; *Honours*: Dr. P.N. Raju award for outstanding contribution in Family Planning from I.C.M.R.; *Exp:* Dept. of Zoology, Univ. of Calcutta 1940-43; Institute of Animal Genetics, Univ. of Edinburgh 1944-46; Cornell Univ., USA 1946-47; Central Drugs Lab., Calcutta 1949-52; Medical School, Univ. of Birmingham 1955; *Mem :* International Congress of Endocrinology, Indian Science Congress, Indian Society for Study of Reproduction & Endocrinology, member of Human Reproduction Cttee of WHO; *Knows*: English, Hindi, Bengali & German; *Visited*: UK, USA, France, Italy, Germany, Sweden, Denmark, Switzerland, Chile, Argentina & Brazil; *Add*: C.D.R.I., Lucknow.

KARAMBELKAR, (Dr.) Vinayak Waman—Principal, Rajaram College, Kolhapur since June 1967; *b* 1 June 1912 at Satara; *Edn:* M.A. (Sanskrit) in 936 from Nagpur Mahavidyalaya; M.A. (Eng) in 1939, Ph.D. in 1948 & D. Litt. in 1962 from Nagpur Univ.; *Resch Exp:* Guiding research work since 1942; *Pub:* Books on 'The Atharva Vedic Civilization: its place in Indo-Aryan Culture', 'The Atharva-Veda and the Ayurveda', 'History of Sanskrit Literature', 'Select Inscriptions' several others besides 100 research papers; *Honours:* Sahityacharya (Jaipur). Kavyatirtha and Vedantatirtha; *Exp*: Nagpur Mahavidyalaya, Nagpur; Mahakoshal Mahavidyalaya, Jabalpur; Govt. College of Arts & Science, Aurangabad; *Mem:* Board of Studies in Nagpur, Marathwada and Shivaji Univ.; *Knows*: English, Marathi, Hindi & Sanskrit ; *Add*: Rajaram College, Kolhapur.

KARAN, Dhrubash—Dept. of Botany, Science College, Saifabad, Hyderabad since December 1967; *b* 10 August 1938 at Hyderabad; *Edn:* M.Sc. (Botany) in 1961 and Dip. in German in 1963 from Osmania Univ.; *Resch Exp:* Expecting result of Ph.D.; *Pub:* 5 Papers; *Exp:* Science College, Hyderabad 1962-63; Arts & Science College, Warangal 1963-67; *Mem:* Indian Society of Biological Sciences; *Genl*: Commissioned Officer in NCC during 1964 and worked as Officer Commanding for 3 years; *Knows:* English, Urdu, Hindi, Marathi, Telugu & German; *Hobb*: Photography and games; *Add*: 22-4-380, Inside Kotla Ali Jah, Charminar East, Hyderabad.

KARAN, (Dr.) Maheshwar Prasad—Asstt. Prof. in Geography, K.N. Govt. P.G. College, Gyanpur since 1954; *b* 2 January 1924 at Varanasi; *Edn*: M.A in 1948 from BHU; Ph.D. on River Geography; *Pub*: Books on Manav Bhugol ke Siddhant, Africa, Political Geography besides papers on subjects like Son basion; Rainfall, run-off and river regime in South Bihar plains, World Population, Earth's Interior etc.; *Honours*: Prizes from U.P. Govt.; *Exp*: Since 1948 at K.N. Govt. P.G. College, Gyanpur; *Mem*: Indian Science Congress, Fellow of National Geographical Society of India; *Knows*: Hindi & English; *Hobb*: Indoor games, photography and painting; *Add*: K.N. Govt. P.G. College, Gyanpur, Varanasi.

KARANDIKAR, Govind Vinayak—Dept. of English, S.I.E.S. College of Arts & Science, Bombay since 1960 ; *b* 23 August 1918 at Dhalawal in Dist. Ratnagiri; *Edn*: M A. (English) in 1946 with Candy Memorial Prize from Rajaram College, Kolhapur; *Resch Exp* : Senior Fulbright Research Scholar in Univ. of Chicago, 1967-68; *Pub* : Over 15 books in Marathi; *Honours*: Ten Prizes—Seven from the Govt. of Maharashtra & three from the Central Ministry of Education ; *Exp*: For 22 years in various Colleges; *Mem*: Marathi Sahitya Sangha, Maharashtra Vangmaya Parishad, Board of Studies in English; *Genl:* Closely associated with modernist revolution in Marathi poetry; *Visited:* USA; *Knows*: Marathi, English & Sanskrit; *Hobb:* Chess and tabla; *Add*: Bedekar Sadan No. 7, Room No. 9, Mahim, Bombay-16.

KARANDIKAR, (Dr.) Krishnaji Raghunath—Hony. Prof. of Zoology & Entomology, M.A.C.S. since 1962; *b* 17 March 1902 at Dhalavali in Dist. Ratnagiri; *Edn:* M.Sc. in 1927 from Bombay Univ., Ph.D. in 1930 from Edinburgh Univ., UK; *Resch Exp*: For about 30 years; *Pub*: 30 research papers; *Exp:* for past about 40 years; *Knows:* English, French, Marathi, Sanskrit & Hindi; *Visited*: England and Scotland 1927-30 for education; *Add*: M.A.C.S., Agarkar Road, Poona-4.

KAREKAR, (Dr.) Ravindra Narhar—Lecturer in Physics, Univ. of Poona since 1962; *b* 16 April 1932 at Kolhapur; *Edn*: M.Sc. in 1954 from Saugar Univ., Ph.D. (Atmospherics) in 1962 from Poona Univ.; *Resch Exp*: For 10 years; *Pub*: Ten papers on Atmospherics, Ionosphere, Radiometeorological Thunderstorms and Solar Flare etc.; *Exp*: Rajaram College, Kolhapur for 1 year; *Genl*: Doing translation of scientific articles in Marathi and giving radio-talks; *Knows*: English, French, Hindi & Marathi; *Add*: Dept. of Physics, Poona Univ., Poona-7.

KARKI, (Dr.) D.S.—Prof. of Kannada & Principal, Womens' College, Hubli; *b* 15 November 1907 at Bellada-Bagewadi; *Edn*: M.A. (Kannada) in 1935 & Ph.D. in 1949 from Bombay Univ.; *Resch Exp*: In Kannada prosody; *Pub*: Books on Nakshatra-Gana, Bhava-Teertha, Bannada-Chandu, Tanana-Tom, Kannada Chando-Vikasa, Naldeseya Nota & Makkala Shikshana; *Exp*: Lingaraj College, Belgaum for 7 years; K.S. Arts College, Hubli (Prof. & Principal) for 13 years; Annadaneshwar Arts College, Naregal for 1 year; *Mem*: General Council of Sahitya Akademi, New Delhi; President of All India Writers' Camp held at Krishnarajasagar; *Knows:* Kannada & English; *Hobb*: Literature and poetry; *Add*: Women's College, Hubli.

KARKUN, (Dr.) Jyotirindra Narayan—Asstt. Director, Divn. of Endocrinology, C.D.R.I., Lucknow since February 1968; *b* 1 April 1915 at Mymensingh in E. Pakistan; *Edn*: M.Sc. in 1941 with first class first from Dacca Univ., D. Phil. (Hormones and Enzymes) from Calcutta Univ. & A Certificate for Completion of Course in 'Tracer techniques' from Atomic Energy Commission, UK; *Resch Exp*: In Enzymes, hormones and nutrition, different aspects of the physiology of reproduction; *Pub*; 60 original publications on hormones and enzyme-hormone relationship-male and female genital accessories; reviews on reproduction and contributed a chapter on 'Comparative Endocri ology' in a USA publica; tion; *Exp*: J.I. College Dacca 1944-46; I.C.M R., Dacca Univ. 1946-48; Central Drugs Laboratory, Calcutta 1948-53; Joined C.D.R.I., Lucknow in 1953 as Scientist; *Mem* Indian Science Congress, Society of Biological Chemists; *Knows*. English, Bengali, & German; *Visited*: Several institutions in UK to learn latest techniques in Endocrine research under the Colombo Plan; *Hobb:* Stamp collection and gardening; *Add*: Dept. of Endocrinology, C.D.R.I., Lucknow.

KARMARKAR, (Dr.) Mahadeo S.—Reader & Head, Dept. of Foreign Languages, BHU since 1945; *b* 8 May 1915 at Poona; *Edn*: M.A. (German & Marathi) in 1941 from Univ. of Bombay, M.A. (Hindi Literature) in 1951 from BHU, Dr. Phil. (German Lit.) in 1959 from Univ. of Gottingen, W. Germany; *Resch Exp*: Thesis on 'Friedrich Ruckert und die indische Dichtung'; *Pub*: Marchen und Gedichte, German for Sc. and Tech. Students, Elementary German Grammar, Ein Deutshces Lesebuch, German-Hindi Dictionary, German idioms and phrases-into Hindi; *Exp*: New English School, Poona 1941-45; Visiting Lecturer to Univ. of Gottingen 1954-59; at BHU since 1945; *Mem*: Board of Studies of various universities in India; *Genl*: During 1938-45 worked for the promotion of Rashtrabhasha; *Knows*: Marathi, Hindi, English & German; *Visited*: W. Germany 1954-59 for doctorate, as also visited Holland, France & Germany; *Hobb*: Cricket; *Add*: Dept. of Foreign Languages, BHU, Varanasi.

KARNIK, (Dr.) Chintaman R.—Research Officer, I.C.M.R. Unit, Chandigarh since 1967; *b* 23 January 1925 at Karachi; *Edn*: M.Sc. (Bot) in 1947 from Royal Institute of Science, Bombay-1; Ph.D. in 1961 from Poona Univ. ; *Resch Exp:* For 20 years in drug plants, survey of medicinal plants, Satpura mountains flora and vegetation, fire ecology etc. ; *Pub:* About 20 research papers; *Honours*: News Papers Educational Award; UGC research fellowship; *Exp:* Asstt. Prof., M.J. College, 1948-60; Vikram Univ. 1960-67; *Mem:* Fellow of Royal Horticultural Society (London); Royal Microscopical Society (London); Member, American Ecologists (New York), Indian Science Congress; *Knows*: Marathi, Hindi, Urdu, German & English; *Hobb:* Photography; *Add:* I.C.M.R., Univ. Dept. of Botany, Punjab Univ., Chandigarh.

KARYAKARTE, (Dr.) Prabhakar Pralhadrao—Lecturer in Zoology, Marathawada Univ. since 1961; *b* 13 June 1937 at Nimbhora in Dist. Aurangabad; *Edn:* M.Sc. (Fishery Biology) in 1961, Ph.D. (Helminthology) in 1966 from Marathawada Univ. ; *Resch Exp:* In the field of life-histories of various Trematodes, Monogenea etc.; *Pub:* Six research papers in Indian and foreign journals; *Exp:* Milind Mahavidyalaya, Aurangabad 1959-61; *Knows:* Marathi, Hindi & English; *Hobb:* Films, radio, reading and writing; *Add:* Dept. of Zoology, Marathawada Univ., Aurangabad.

KASBEKAR, (Dr.) Gajanan Shantaram—Managing Director, Hindustan Organic Chemicals Ltd., Rasayani since March 1965; *b* 15 November 1909; *Edn:* M.Sc. (Inorg Chem) in 1933 from Bombay Univ., Ph.D. (App Phy Chem) in 1938 from Victoria Univ., Manchester; Advance Courses in Textiles, Papers & Chemicals etc. in 1939 from College of Technology, Manchester; *Honours:* Awarded Patuck Prize by Manchester Univ. ; Research Scholarship by Manchester Corporation; *Exp*: Wilson College, Bombay 1933-36; Ram Narain Ruia College, Bombay 1939-40; *Mem*: Royal Institute of Chemistry; Indian Institute of Chemical Engineers, its President for 1958-60; *Knows*: Marathi, Hindi, English & Kannada; *Hobb*: Photography; *Add*: Hindustan Organic Chemicals Ltd., Rasayani, Dist. Kolaba.

KASHIKAR, Shrikrishna Gopal—Prof. & Head, Dept. of Pol. Science, Vidarbha Mahavidylaya, Amravati since 1964; *b* 31 July 1925 at Washim; *Edn*: M.A. in 1948, second in merit from Nagpur Univ. ; *Resch Exp*: for 15 years; *Pub*: 40 research papers mainly on political thought of Ramdas, Tilak; What the British thought of us in 1823, Place of South-east Asia in India's Foreign Policy, China Meets Russia in India, India and Soviet Union, Language policy of East India Co. etc.; *Exp*: R.A. College, Washim 1948-51; Shivaji College, Amravati 1951; Nagpur Univ. 1951-54; Nagpur Mahavidyalaya, Nagpur 1954-64; *Mem*: Executive Cttee of All India Political Science Association, Genl. Secy. of Vidarbha Sahitya Sangha for past 9 years; member of Academic Council, Court, Faculty and Board of Studies of Nagpur Univ. ; *Knows*: Hindi, Marathi, Sanskrit and English; *Hobb*: Drawing, photography and travelling; *Add*: Vidarbha Mahavidyalaya, Amravati.

KASHYAP, Bhikkhu Jagdish—Head, Nava Nalanda Mahavihar, Nalanda since 1950; *b* January 1908 at Gaya; *Edn:* M.A. (Phil) in 1933 from BHU; *Pub*: Devanagari Edition of Pali Tripitaka in 40 volumes, Abhidhamma Philosophy in 2 volumes; *Exp*: BHU 1940-49; Sanskrit Univ., Varanasi; *Mem*: Vice-Chairman, Vidya Parisad, Mahabodhi Society, Sarnath; *Genl*: Buddhist monk, interested in the practice of meditation and self-culture; *Knows:* Hindi, English, Sanskrit & Pali; *Visited:* Ceylon to study Pali and be ordained as Bhikkhu; *Add:* Nava Nalanda Mahavihar, Nalanda, Bihar.

KATRE. (Dr.) Sumitra Mangesh—Director, Centre of Advanced Study in Linguistics, Poona since 1965; *b* 11 April 1906 at Honnavar in N. Kanara Dist.; *Edn:* M.A. (Maths) in 1930 from Presidency College, Madras; Ph.D. in 1931 from School of Oriental Studies, Univ. of London; *Resch Exp:* For past 35 years; *Pub:* Books on 'Formation of Konkani', 'Introduction to Indian Textual Criticism', 'Introduction to Modern Indian Linguistics', Paninian Studies', several other books and over 250 research papers; *Exp*: Nowrosjee Wadia College, Poona 1933-34; Sir Parashurambhau College, Poona 1937-39; Deccan College 1939; Ramnarain Ruia College, Bombay 1938; Director, Deccan College P.G. & Research Institute, Poona since 1942; Univ. of Texas 1966; Indian Institute of Advanced Study, Simla 1967; *Mem*: Linguistic Society of India, Linguistic Society of America, Societe Asiatique (Paris), Linguistic Society of Paris, Royal Asiatic Society of Great Britain, Philological Society (London), American Oriental Society, Linguistic Society of India (its Treasurer 1954-66 and Trustee 1966-70); President of Linguistics Section of 7th All India Oriental Conference 1937; Recommended about 50 Indian research scholars for higher studies in USA; *Visited*: Germany, U.K., Italy, Switzerland, Holland, Canada, Japan, U.S.A., France, Thailand and Mexico; *Add*: Deccan College P.G. & Research Institute, Poona.

KAUL, Jagan Nath—Head, Dept. of English, J&K Univ., Jammu since September 1965; *b* 20 June 1918; *Edn*: M.A. in 1940, first class first from BHU; *Resch Exp*: Guiding Ph.D. students; *Pub*: Several articles on Evelyn Wangh and M.R. Anand; *Exp*: For 25 years taught at BHU (Central Hindu College); *Mem*: All India English Teachers' Association; *Knows:* English, Urdu & Hindi; *Hobb:* Gardening; *Add:* Dept. of English, J&K Univ. Jammu.

KAUL, (Dr.) Kanwar Kishen—Head, Dept. of Paediatrics, Medical College, Jabalpur since March 1961; *b* 13 October 1932 at Srinagar, Kashmir; *Edn:* M.D. in 1959 & D.C.H. in 1957 from M.G.M. Medical College, Indore; *Resch Exp:* For last 10 years; *Pub*: About 35 papers on subjects like Serum ionogram, electrolytes in malnutrition, potassium in paediatrics, tremors in infants, T.B. in children, accidental poisoning etc.; *Exp:* Dept. of Paediatrics, M.G.M. Medical College, Indore 1957-61; *Mem*: Indian Academy of Paediatrics (Asstt. Secy. for two terms), Indian Medical Association, Indian Association for the Advancement of Medical Education. *Knows*: Hindi, Kashmiri, Panjabi & English; *Visited*: UK. France, W. Germany, Sweden. Switzerland, Yugoslavia & Uganda for field study; *Hobb:* Photography, music and drama; *Add*: Dept. of Paediatrics, Medical College, Jabalpur.

KAUL, (Dr.) Mohan Lal Hakoo—Head, Seed Testing Laboratory, Forest Research Institute, Dehra Dun since September 1966; *b* 20 January 1941 at Srinagar (Jammu & Kashmir); *Edn:* Ph.D (Bot) in 1965 from BHU; *Resch Exp*: For over 6 years; *Pub*: More than 40 independent publications; *Exp*: J&K Univ. 1962; BHU 1963-65; Hans Raj College, Delhi 1965-66; *Mem*: International Society for Tropical Ecology, Indian Academy of Science; *Genl:* Specialized in Cytogenetics, Plant breeding, ecology and seed testing; *Knows:* Hindi, Urdu, English & Panjabi; *Hobb*: Reading and photography; *Add:* S/o Dr. S.N. Hakoo, Chand Pora, New Road, Srinagar, Kashmir.

KAUL, (Dr.) Saligram—Principal, Govt. Medical College & S.M.M.S. Hospital, Srinagar since April 1965; *b* 28 December 1914 at Srinagar in J&K; *Edn*: M.B.B.S. in 1937 & M.D. in 1953 from Punjab Univ., M.R.C.P. in 1951 & F.R.C.P in 1967 from Royal College of Physicians (London); *Resch Exp*: For past 18 years on various projects; *Pub:* Book on 'Principles and Practice of Medicine' besides 35 papers on Radioactive Isotopes, Cardio-vascular and Nervous Diseases pertaining mostly to original works; *Exp*: Armed Forces Medical College, Poona; *Mem:* Chairman, Kashmir Medical Council, Fellow of Royal Society of Medicine (London), Association for Advancement of Medical Education, Indian Medical Association, Association of Physicians of India; Dean, Faculty of Medicine in J&K Univ.; *Knows:* English, Hindi, Urdu & Kashmiri; *Visited:* U.K.; *Hobb*: Gardening and hiking; *Add:* 2, Munshi Bagh, Srinagar, J&K.

KAUL, (Dr.) Veriendranath—Reader in Botany, J&K Univ., Srinagar since 1962; *b* 29 September 1934 at Srinagar; *Edn:* M.Sc. (Bot) in 1955 with first class first from Saugar Univ.; Ph.D. (Ecology) in 1959 from BHU; *Resch Exp*: For over 13 years; *Pub*: 30 research papers; *Exp*: BHU for 6 years; J&K Univ. for 7 years; *Mem*: Indian Botanical Society, National Academy of Sciences of India, International Society of Tropical Ecologists, Indian Biological Association; *Knows:* Hindi, Urdu, Kashmiri, English & German; *Hobb*: Plant collection, photography and travel; *Add*; Rajori-Kadal, Srinagar, J&K.

KAUR, (Dr.) (Mrs.) Man Mohan—Organising Secy., Punjab & Hariana States Council for Child Welfare, Chandigarh since May 1964; *b* 25 September 1926 at Sialkot; *Edn*: M.A. (Pol. Sc.) in 1954 from Punjab Univ., Dip. in Social Welfare Policy in 1963 from Institute of Social Studies (The Hague), Ph.D. (History) in 1964 from Punjab Univ.; *Pub*: Role of Women in the Freedom Movement and several other papers; *Exp*: Welfare Officer, Indian Red Cross Society, New Delhi 1949-57; Welfare Officer, Central Social Welfare Advisory Board 1957-64; also teaching at Shri Guru Gobind Singh College, Chandigarh since September 1967; *Visited*: Netherlands, UK, Belgium on study tours; *Add*: H. No 228, Street L, Sector 7A, Chandigarh.

KAUR, (Smt) Padmashri Probhjot—M.L.C. (Panjab), Poet and writer; *b* 6 July 1927; *Edn*: B.A. from Panjab Univ.; *Pub*: In poetry-Lat Lat Jot Jage, Pabbi, Ban Kapasi, Pankheru, Do Rang; Short Story-Kinke, Aman de Nan and published about 30 works so far; her works have been translated into Persian, French, Russian, English, Italian and Rumanian languages; has rendered into Panjabi works as Dr. Radhakrishnan's 'My Search for Truth' and 'An Idealist View of Life' etc.; *Honours*: Sahitya Akademi Award 1964; Rajya Kavi by Panjab Govt. in 1963, Sahitya Shiromani 1963, nominated to Vidhan Parishad (Panjab) in 1966, awarded Padmashri in 1967; *Genl*: Member of National Commission of India for UNESCO, associated with many social and welfare organisations, has represented the women writers of India at national and international seminars and conferences; *Add*: c/o Brigadier Narendrapal Singh, Military Attache, Indian Embassy, Paris.

KAUSHAL, Ram Krishan—Editor, Public Relations, Dept,. Himachal Pradesh since 1962; *b* 5 May 1932 at Simla; *Edn*: M.A. (Hindi) in 1961 from Panjab Univ.; *Resch Exp*: In anthropological survey: *Pub*: 'Himachal Pradesh-A survey of the history of the Land and its People', 'Himaniyon ke desh men', 'Geet Ageet', 'Pakdaman', 'Ye Sapne ye Raten', 'Charhti Pagdandiyan', 'Kalpna', 'Path ke Rahi' etc.; *Exp:* S.D.B. College, Simla; *Mem:* Writers Association of Himachal Pradesh; *Knows:* English, Hindi, Urdu, Panjabi & Sanskrit; *Hobb*: Contemplating, *Add:* Dept. of Public Relations, H.P. Govt., Simla.

KAUSHIK, (Dr.) Pitambar Datt—Asstt. Prof. in Pol. Science, Saugar Univ. since 1959; *b* 25 December 1937 at Bulandshahr; *Edn:* M.A. (Pol Sc) in 1958 from Allahabad Univ., Ph.D. (The Congress Ideology and Programme 1920-47) in 1963 from Saugar Univ.; *Pub:* Over 20 articles, mainly on Non-Gandhian influence on Pre-Independence ideology of Indian National Congress, Gandhian Socialism, Gandhiji's doctrine of Ends and Means, besides books on The Congress Ideology and Programme 1920-47, Gandhian Ideology and the Indian National Congress, Antar Rastriya Sambandh; *Exp:* Allahabad Univ. 1958-59; *Mem:* Indian Institute of Public Administration, Society for Study of State Govts., Gandhi Sanskriti Parishad; *Knows:* Hindi, English, Sanskrit, Marathi & Urdu; *Add:* CT. 8, Saugar Univ., Sagar.

KAUSHIVA, (Dr.) Brahma Swarup—Unesco Expert, Science Teacher Training Project, Univ. College, Cape Coast, Ghana since 1966; *b* 16 July 1919 at Agra; *Edn*: M.Sc. in 1940 from St. John's College, Agra; M.S from Univ. of Michigan in 1948 & Ph.D. in 1949; *Resch Exp:* In the field of biochemical cytology and physiochemical and micro-biological aspects of human parasites and microbial diseases; *Pub*: Appx. 40 research papers and one book; editor, Bulletin of Ghana Association of Science Teachers; *Exp:* Instructor, St John's College, Agra 1938-42; Prof. of Biology, D.A.V. College, Kanpur 1942-49; Dy. Director of Fisheries, U.P. 1950-52; Scientist, C.D.R.I. 1953-62; On Deputation as Prof. of Biology, Univ. of Libya, Tripoli, 1962-63 and Assoct. Prof. of Biology, Allegany Community College, Cumberland, USA 1964; *Mem:* Sigma Xi and other bodies; *Visited:* USA, Libya & Ghana; *Add:* c/o C.D.R.I., Lucknow.

KAVEESHWAR, (Dr.) Shreepad Narhar—Principal, Govt. Science College, Jabalpur since 1966; *b* 26 July 1917 at Dewas; *Edn:* M.Sc. (Chem) in 1941, with first class first & Ph.D. in 1956 from Holkar College, Indore; *Pub*: 15 papers on Parachors in solution, parachor and hydrogen bonding, parachor of ions etc.; *Exp*: Holkar College, Indore for 15 years; Govt. Degree College, Jagdalpur for 1 year; Govt. Degree College, Chhindwara for 1 year; Govt. College, Guna for 2 years; Govt. College, Rewa for 2 years; *Mem:* Indian Chemical Society; *Knows:* English, Marathi, Hindi, Gujrati & Bengali; *Add*: Govt. Science College, Jabalpur.

KAZIMI, (Dr.) S.M.A.—Asstt. Prof., App. Mech., I.I.T., New Delhi since March 1967; *b* 12 March 1938 at Fatehpur in Dist. Barabanki; *Edn*: Ph.D. (Struct. Engg) in 1964 from Univ. of Southampton, UK; *Resch Exp:* At Imperial College, London 1962-65 in the field of Shear-wells and related plane-stress problems; *Pub*: 15 papers on subjects like Shear-wall buildings, Line solution techniques, Digital Computers, Tall Buildings, floor slabs etc.; *Honours:* Univ. Gold Medal for standing first in B.Sc. Engg. in 1959; Gold Medal from Institution of Chartered Engineers 1962; *Exp:* U.P., P.W.D. as Asstt. Engineer for 1½ years; Lecturer, A.M.U. for 4½ years; Regional Engg. College, Srinagar for 2 years; *Mem:* Indian Society of Earthquake Technology; *Genl:* Throughout academic career obtained first class and record marks; *Visited*: U.K. 1962 and 1962-65; *Hobb*: Contract bridge, mountaineering; *Add:* Dept. of App. Mech., I.I.T., New Delhi-29.

KELKAR, Chandrakant Narayan—Principal, M.P. College of Vety. Science and A.H. cum Livestock Research Institute, Mhow since June 1965; *b* 14 July 1914 at Balaghat; *Edn*: G.B.V.C. in 1935 from Bombay Vety. College, Bombay; Assoc. I.D.R.I. in 1939 from Indian Dairy Research Institute, Bangalore; M.S. in 1949 from Univ. of Minnesota, USA; *Resch Exp:* For over 10 years; *Pub:* Several papers on cattle breeding; *Exp*: College of Vety. Sc. and A.H., Jabalpur; Dean, Vety. Faculty, Vikram Univ.; Dean, Vety. Faculty, J.L.N. Krishi Vishwavidyalaya, Jabalpur; *Mem*: Vice-President of M.P. Veterinary Association; *Knows*: Marathi, Hindi & English; *Visited:* USA; *Hobb*: Games and reading; *Add*: M.P. Vety. College, Mhow.

KELKAR, (Dr.) Kashinath Shankar—Senior Lecturer in Hindi, S.N.D.T. College for Women, Poona since 1965; *b* 27 February 1923 at Satara; *Edn:* M.A. (History) in 1950 from Univ. of Poona, M.A. (Hindi) in 1955 from BHU, M.Ed. in 1957 and Ph.D. (Hindi) in 1965 from Poona Univ.; *Resch Exp:* For seven years; *Pub*: Prachin Patra Sangrah-Eka Adyayan, Mahakavi Bhushan, Kal Nirnaya, Saundarya ki Vastu parak Paribhasha, Sant Kabir ki Bhasha me Marathipan, Prachin Gadya aur Marathonke Patra; *Exp*: N.E.S. Ramanbag, Poona 1947-55; Lecturer in S.N.D.T. College for Women, Poona since 1955, Senior Lecturer since 1965; *Mem*: Itihas Samshodhan Mandal, Maharashtra Sahitya Parishad, Hindi Annusandhan Mandal; *Knows*: Hindi, Marathi & English; *Hobb*: Singing and sporting; *Add*: 1629, Sadashiv Peth, Poona-9.

KELKAR, (Dr.) Purushottam Kashinath—Director, Indian Institute of Technology, Kanpur since December 1959; *b* 1 June 1909 at Dharwar; *Edn*: Cert. of Proficiency from Indian Institute of Science, Bangalore in 1933 in Elect. Engg; Ph.D. in 1936 from Univ. of Liverpool; *Resch Exp:* For 10 years; *Pub*: several reports and papers; *Exp*: Indian Institute of Science, Bangalore; V.J. Technical Institute, Bombay; I.I.T., Bombay; *Mem*: Full Member of Institution of Electrical Engineers (London), Council of Indian Institutes of Technology, Library Cttee under UGC, Invention Promotion Board, NCERT, NPL, besides on the Board of Governors of several educational Institutions in India; *Knows*: Marathi, Hindi, Kannada, English, French & German; *Visited:* UK, USSR and USA; *Hobb*: Reading; *Add*: Chhaya Bldg., Plot No. 514 A, Opp. Victoria Jubilee Technical Institute, College Road, Matunga, Bombay-19.

KEMKAR, (Dr.) Kamlakar Keshav—Principal, Govt. Degree College, Khargone since 1966; *b* 28 December 1918 at Baroda; *Edn:* M.A. (English) in 1942 and 3rd position in the Univ., Ph.D. in 1960 from Indore Univ.; *Resch Exp*: For past 8 years conducting and guiding research; *Pub:* A few articles; *Exp:* Holkar College, Indore 1942-53; Madhav College, Ujjain 1953-54; Holkar College, Indore 1954-62; Govt. Arts & Commerce College, Indore 1962-66; *Mem:* Academic Council, Faculty of Arts, Board of Studies of Vikram Univ.; *Knows*: Hindi, Marathi, Sanskrit and English; *Add*: Govt. Degree College, Khargone.

KESAVAN, Bellary Shamanna—Director, Indian National Scientific Documentation Centre, New Delhi—12 since 1963 ; *b* 10 May 1909 at Mylapore, Madras ; *Edn* : M. A. (English) and Dip. in Librarianship 1931-35, from London Univ. ; *Pub* : A Book 'The National Library of India' ; *Honours* : Awarded Padmashri by the Govt. of India in 1960; *Exp* : Univ. of Mysore for 7 years ; Curator, Central Bureau of Education in the Education Ministry ; Director of the National Library for 15 years ; *Mem* : International Advisory Cttee on Bibliography, International Federation for Documentation (its Vice-President for Afro-Asian Area) Advisory Council of Indian National Library, Indian Library Association (its President for 2 terms), Indian Association of Special Libraries and Information Centres, National Book Trust, Advisory Commission on Libraries (appointed by the Govt. of India), UGC Cttee for Librarians, National Advisory Cttee for the East-West Major Unesco Projects, Advisor to UNSECO for the re-organisation of their Documentation and Library Structure, Hony Libraries Advisor to the Govt. of India, Director of Unesco Regional Seminar on Development of National Libraries in Asia and Pacific Area at Manila in 1964 ; *Genl* : Organised Insdoc Regional Centre at Bangalore ; published directory of Indian Scientific Periodicals, Bibliography of IARI Publications 1905-63 and numerous other special publications ; Chairman of Documentation Sectional Cttee of the Indian Standards Institution, on Board of Studies of Library Science in many universities ; *Knows* : English, Hindi, Tamil, Kannada, Telugu & German ; *Add* : INSDOC, Hill SideRoad, New Delhi-12.

KESRI, Somnath—Head of Hindi Dept. & Vice Principal, Govt. Brijindra College, Faridkot since 1963 ; *b* 11 August 1920 at Ambala Cantt. ; *Edn* : M. A. (Sanskrit in 1941 with first class first and winning Gold Medal from D. A. V. College, Lahore ; M. A. (Hindi) in 1951 from Punjab Univ.; *Resch Exp* : For 5 years ; *Pub* : Maha Manav Nehru ; *Exp* : Hindu Sabha College, Amritsar ; Govt. Colleges at Multan, Montogomery, Ludhiana, Tanda Urmar and Faridkot ; National Defence Academy at Dehra Dun and Khadakvasla ; *Mem* : Genl Secy. of P. E. S. (Gazetted) Association 1961-64 ; *Knows* : English, Hindi, Sanskrit, Urdu and Punjabi ; *Hobb* : Reading and gardening ; *Add* : Govt. Brijindra College, Faridkot.

KESWANI, (Dr) Nandkumar Hemraj—Prof. of Anatomy & History of Medicine at A. I. I. M. S., New Delhi since 1956 ; *b* 11 November 1923 at Banguldero in Sind ; *Edn* : M B. B. S. in 1947 & F. C. P. S. in 1952 from Univ. of Bombay ; Ph.D. (Neuro Anatomy) in 1956 from Univ. of Minnesota, USA ; *Resch Exp* : In the field of spinal cord and brain stem nuclei, tissue culture of neurons and neuroglia, experimental teratogenesis, History of medicine of Ancient India etc. ; *Pub* : Over 50 research papers, articles, reviews, forewords etc. ; *Exp* : Dressing Externee & Surgical Internee 1948, House Surgeon 1948-49, Actg. A. M. O. 1948-52 at K. E. M. Hospital, Bombay ; Hostel Supdt., Seth G. S. Medical College, Bombay 1949-51 ; Resident Physician, Malignant Diseases Jeanes Hospital, U.S.A., 1952; Fellow in Anatomy, Mayo Graduate School of Medicine. USA 1953-56 ; *Mem* : Anatomical Society of India, Indian Association for the Advancement of Medical Education, Indian Association for the History of Medicine, American Association of Anatomists, Sigma Xi, Alumni Association of Mayo Foundation (USA), Indian Medical Association, Neurological Society of India. International Brain Research Organisation of UNESCO ; President, Anatomical Society of India (1967); Fellow of the Royal Society of Medicine, Indian Academy of Medical Sciences ; besides of several A.I.I.M.S. staff associations, on the Editorial Board of several medical journals ; Member of several Govt. nominated Cttees ; *Add* : C—1/10, Medical Enclave, A.I.I.M.S., New Delhi-16.

KETKAR, Hari Mahadev—Principal, Naween Law College, Shajapur since 1966 ; *b* 23 October 1900 at Indore City; *Edn* : B. A. (Hons) in 1924 from Holkar College, Indore & LL.B. in 1928 from Allahabad Univ. ; *Exp* : Munsiff-Magistrate 1st Class 1928-31 ; Asstt. Legal Remembrancer Holkar State 1931-32 ; Registrar, High Court, Indore 1935-39 ; Registrar Civil Marriages, Holkar State 1935-39 ; Judicial Minister, Holkar State 1937-39 ; Civil Judge 1st Class & A.D.M. 1939-52 ; Advocate in Madhya Pradesh 1954-65 ; *Mem* : Academic Council and Senate of Vikram Univ. ; *Hobb* : Harmonium, classical music and poultry ; *Add* : 11, Shikh Moholla, Indore City.

KHAITAN, Jwalaprasad—Writer *b* ; 1 July 1934 at Padrauna in Dist. Deoria (UP); *Edn* : M.A. (English & Hindi) in 1955 from Univ. of Bombay ; *Resch Exp* : For three years in Sahityakar-Krititwa aur Vyaktitwa ; *Pub* : Shrijan ke Aayama (Critical Essays on Hindi Writers and other literary subjects) and 'Pankh aur Pasha' (A collection of poems) ; *Knows* : Hindi, English and Sanskrit ; *Hobb* : Psycho-analysis and Photography ; *Genl* : Now Managing Director of Ishwari Khetan Sugar Mills (P) Ltd., Lakshmiganj ; Secy. of Hariram Onkarmal Inter College, Lakshmiganj; Manager of Seth Ghanshyamdas Onkarmal Bal Vidya Bhawan, Padrauna ; *Add :* Ishwari Khetan Sugar Mills (P) Ltd., Lakshmiganj, U.P.

KHAMRUI, (Dr) Sudhir Ranjan—Reader in Mathematics, Jadavpur Univ. since December 1962; *b* 1 December 1929 at Midnapur in W. Bengal; *Edn* : M Sc. (App Maths) in 1952 with first class second from Calcutta Univ., Ph.D. in 1960 from Jadavpur Univ.; *Resch Exp* : In fluid dynamics ; also guiding several research students; *Pub* : 10 papers; *Exp* : Vidyasagar College, Calcutta 1953-56; joined Jadavpur Univ. in 1956 and Reader since 1962; *Mem :* Calcutta Mathematical Society, Indian Association for the Cultivation of Science, Mathematical Association; *Knows* : Bengali & English; *Hobb* : Playing cards and chess; *Add :* Dept. of Maths., Jadavpur Univ., Calcutta-32.

KHAN, (Prof) Abdul Majid—Educationist and Politician; *b* 1 September 1902 at Batala; *Edn* : M. A. (English) from Forman Christian College, Lahore in 1928; *Pub* : Books on 'The Great Daughter of India-Mrs. V.L. Pandit', ' Leader by Merit-Sardar Patel', 'Jawaharlal Nehru and his Ideas', 'Vital Islam', 'Fellowship of Faiths' etc.; *Exp :* Taught for 18 years 1929-1947 at Forman Christian College, Lahore; *Mem* : Twice elected to Punjab Univ. Senate in 1940 and 1945 and after partition in 1948, 1952 and 1966; delivered Extension Lectures in 1950, 1955 and 1966; *Genl* : Presided at the Educational Conference at Lahore in 1945; presided at several College Convocations in Punjab and outside; *Knows* : English, Urdu & Persian; *Add* : Sanjauli, Simla-6.

KHAN, (Dr) Izzat Yar—Principal & Prof. of English, Govt. College, Betul since 1967; *b* 1 July 1923 at Meerut; *Edn* : M.A. (English) in 1943, M.A. (Sociology) in 1954 & M.A. (Econ) in 1956 from Agra Univ., LL.B. in 1958 from Vikram Univ., Ph. D. (Sociology) in 1968 from Saugar Univ., Ph. D (Econ) in 1967 from Agra Univ.; *Resch Exp :* Submitted thesis on 'Sarojini Naidu-Her poetic genius and works' for Ph.D. in English; *Exp* : Meerut College, Meerut 1944-45; Islamia College, Etawah 1945-46; Hamidia College, Bhopal 1946-59; Govt. College, Dewas 1959-61; Govt. College, Durg 1961-64; Science College, Raipur 1964-66; T.R.S. College, Rewa 1966-67, *Knows* : English, Hindi & Urdu; *Hobb* : Reading and writing; *Add*: Govt. College, Betul.

KHAN, (Dr) Masud Husain—Prof. & Head, Dept. of Urdu, Osmania Univ., Hyderabad since June 1962; *b* 28 January 1919 at Kaimganj in Dist Farrukhabad; *Edn*: M.A. (Urdu) in 1941 with first class first & Ph.D. (Urdu Philology) in 1945 from Muslim Univ., Aligarh; D. Litt. in 1953 from Univ. of Paris; *Resch Exp*: Guiding research for past 20 years; *Pub*; Books on Muqaddama-e-Tarikh-e-Zetan-e-Urdu, Zaban aur Adab, Shero-Zaban, Do-Neem, Bikat Kahani, Qissa-e-Mehrafroz-o-Dilbar etc.; *Exp :* Muslim Univ., Aligarh for 17 years; Univ. of California, USA for one year; *Mem:* Sahitya Akademi, Anjuman Tarraqi-i-Urdu, Qadim Urdu (Hyderabad), Taraqqi-i-Urdu; *Knows* : Urdu, Hindi, English, French, & Persian; *Visited* : UK 1950-51, France 1951-53 and USA for research and teaching; *Add*: Dept. of Urdu, Osmania Univ., Hyderabad.

KHANDELWAL, (Dr) Daya Prasad—Prof. & Head, Physics Dept., Agra College, Agra since October 1963; *b* 1 October 1921 at Udaipur; *Edn :* M.Sc. in 1945 with first class first from Agra College, Agra; Ph.D. in 1958; *Resch Exp :* Guiding research students; *Pub :* Books on Prarambhik Bhautiki, Practical Physics (in two volumes), Optics, Navin Prayogic Bhautiki, Electron Vivartan, Ushma ki Pathya Pustak and several research papers, *Exp* : Birla College, Pilani; Agra College, Agra; D.S.B. Govt. College, Nainital; Rajasthan Univ.; *Mem* : Indian Science Congress, Convention of Spectroscopists of India; Agra Scientific Society; Faculty of Science and Academic Council of Agra Univ.; *Knows* : English, Hindi & Gujrati; *Visited*: USA & UK; *Hobb :* Producing children's scientific toys; *Add :* Dept. of Physics, Agra College, Agra.

KHANDELWAL, (Dr) R.L.—Prof. & Head, Dept. of Hindi, S.P. Univ. since June 1965; *b* 25 December 1919 at Bhilwara in Rajasthan; *Edn*: M.A. (Hindi) in 1943 with first class first from BHU, Ph.D. (Love & Beauty in Modern Hindi Poetry) in 1955 and D.Litt. (The Mind and Art of Jai Shankar Prasad) in 1965 from Agra Univ.; *Resch Exp*: Guiding research scholar and several obtained their Ph.D.; *Pub*: Books on Jai Shankar Prasad: Vastu aur Kala', 'Adhunik Hindi Kavita men Prem aur Saundarya', 'Kavita men Prakriti Chitran', 'Hindi Alochana ke adhar stambh', 'Himachala', 'Pratham Kiran', 'Dhup dip' and many others; *Honours*: Three government awards by the Govt. of U.P. on his research, critical and creative works; *Exp:* Meerut College, Meerut 1948-58; joined Sardar Patel Univ. in 1958 as Reader and Prof. since 1965; *Mem*: Academic Council, Chairman of Board of Studies in Hindi, Dean of Faculty of Arts, member of Senate of S.P. Univ.; Member, Nagri Pracharini Sabha, Hindustani Academy (Allahabad), Bhartiya Hindi Parishad (Allahabad), participated in Modified Devanagri Script Seminar 1967, delivered lectures at Gujrat Univ.; Convenor of All India Hindi Teachers' Seminar in March under the Ministry of Education, Govt. of India; *Knows*: Hindi, English, Rajasthani, Sanskrit, Gujrati & Apabhramsha; *Hobb:* Drawing, painting and writing poetry; *Add:* B-5, Univ. Staff Colony, Vallabh Vidyanagar, Gujarat.

KHANDEPARKAR, Narayan Bhaskar—Principal, Madhav Music College, Ujjain since November 1950; *b* 8 September 1912 at Gwalior; *Edn:* Sangeet Adhyapak in 1934 from Madhav Sangeet Mahavidyalaya, Gwalior; *Exp*: Madhav Sangeet Mahavidyalaya, Gwalior and Ujjain; *Mem:* Academic Council of Indira Kala Sangeet Vishwa-vidyalaya, Khairagarh; *Knows:* Hindi, Marathi & English; *Add:* Madhav Sangeet Mahavidyalaya, Ujjain.

KHANDWALA, (Miss) Vidyut Kanchanlal—Univ. Librarian & Head of Dept., S.N.D.T. Women's Univ., Bombay-1 since 1955; *b* 22 January 1925 at Kampala (Uganda); *Edn*: B.A. in 1946 & Dip. Lib. in 1953 from Univ. of Bombay; *Resch Exp:* 'Education of Women in India—1850-1967' a bibliography; *Pub:* Papers on 'New Approach to objectives of Library Education' and 'The Role of Reference Service in a Library' besides a 'Directory of Libraries, Publishers and booksellers in the City of Bombay' in 1965; *Exp*: Joind the S.N.D.T. Women's Univ., at S.H.P.T. School of Lib Science since 1961; *Mem*: Senate, Syndicate, Academic Council of S.N.D.T. Women's Univ.; *Knows:* Gujarati, Hindi, Marathi, English & French; *Visited:* USA, UK, Germany, France, Switzerland & Italy on educational tour during 1960-61; *Add*: S.H.P.T. School of Lib. Science, 1, Nathbai Thackersey Road, Queen's Road, Fort, Bombay-1.

KHANNA, (Dr.) Nandoo Mal—Scientist, C.D.R.I., Lucknow since 1951; *b* 18 May 1924 at Delhi; *Edn:* M.Sc. (Chem) ih 1945 from St. Stephens College, Delhi; Ph.D. (Org Chem) in 1947 from Univ. of Edinburgh, UK; *Resch Exp:* In the field of Dyestuff intermediates and medicinal Chemistry; *Pub:* 26 research publications and 8 patents: *Exp:* Univ. of Edinburgh, UK for 3 years; I.C.I. (Manchester) for 4 months; since 1951 at CDRI, Lucknow; *Mem*: Chemical Abstracts Service, USA; *Knows*: Hindi, Urdu, English & German; *Visited:* UK, Switzerland, Holland, European countries duringl 945-49; *Add:* 1, Tilak Marg, Near Moti Mahal, Lucknow.

KHANNA, Narindar Nath—Reader in Plastic Surgery, College of Medical Sciences, BHU since April 1964; *b* 17 December 1933 at Bannu in N.W.F.P.; *Edn:* MBBS in 1956 & M.S. (Surgery) in 1960 from K.G. Medical College, Lucknow; Training in Plastic Surgery in 1965 from Univ. of Uppsala. Sweden; *Resch Exp:* In the field of Oral Cancer, Chronic Lomphoedema & Keloids; *Pub*: More than 15 papers; *Exp:* K.G. Medical College Lucknow 1956-62; joind BHU in 1962; *Mem*: Indian Medical Association, Association of Surgeons of India, Association of Plastic Surgeons of India; *Knows:* English, Hindi & Urdu; *Visited*: Sweden, Denmark & W. Germany during 1965-66; *Hobb*: Photography; *Add:* Dept. of Plastic Surgery, BHU, Varanasi.

KHANNA, Suraj Parkash—Principal, Govt. Tanning Institute, Jullundur since May 1959; *b* 20 December 1926 at Bhera in West Pakistan; *Edn*: Dip. in Leather Chemistry & Techy. in 1946 from Govt. Tanning Institute, Jullundur; Final Grade of City & Guild Examination; B.A. in 1955 from Punjab Univ.; *Exp*: Tannery Manager of M/s Neeko Bros., Sialkot for 8 months; started his own business under 'Khanna Leather Works' at Sialkot in 1946; Tannery Manager of M/s Jullundur Tanneries Ltd., for 4 months; joined Govt. Tanning Institute, Jullundur as Foreman in 1948 and became Principal in 1959; *Knows*: English, Hindi, Urdu, Persian & Panjabi; *Add*: Govt. Tanning Institute, Nakodar Road, Jullundur.

KHARCHE, Ramchandra Namdeo—Principal & Prof. of Economics, Jijamata College, Buldana since 1956; *b* 23 ovember 1923 at Advihir in Dist. Buldana; *Edn*: M.A. in 1947 with first class first and winning Gopaldas Mohta Gold Medal from Hislop College Nagpur; *Resch Exp:* Conducted survey of 5 villages in Yeotmal Dist. on behalf of M.P. Govt. in 1948-49; acted as Chief Supervisor of Small Scale Industries Survey of Amraoti on behalf of Planning Commission; *Pub*: Report of 5 villages, History textbooks in Marathi Social Studies, textbook in Marathi; *Exp*: Hislop College, Nagpur 1947-48; Shri Shivaji College, Amraoti 1948-1956; *Mem*: Court Academic Council, Faculty of Commerce Board of Studies in Nagpur Univ.; Indian Society of Agricultural Economics and other educational bodies; *Knows:* English, Marathi & Hindi; *Add*: Jijamata College, Buldana.

KHARE, Ganesh Hari Hony. Secy., Bharata Itihas Samshodhaka Mandal, Poona for 14 years; *b* 10 January 1901 at Panwel in Dist. Kolaba; *Resch Exp*: For past 40 years in Indian History and culture; *Pub*: About 50 books and 350 research papers on Indian archaeology, architecture, sculpture, fine arts, numismatics, ancient, medieval and modern history, epigraphy etc.; *Exp*: For years taught in a national school; *Mem*: Bharata Itihas Samshodhaka Mandal, Indian History Congress (its Sectional President in 1951), All India Oriental Conference, Indian Historical Records Commission, Numismatic Society of India, Maharashtra Itihasa Parishat (Sectional President 1966); *Knows:* Marathi, Sanskrit, Prakrit & Kannada; *Add*. 1321, Sadashiv Peth, Poona.

KHARE, Narayan Bhaskar—Writer, Doctor and politician; *b* 16 March 1882 at Nere in Dist. Kolaba; *Edn*: M.D. in 1913 from Panjab Univ.; *Pub:* My Defence, Khare Vs Nehru, My Last Twelve Years, Moulana Azad's Autobiography Atopsied, My Political Memoirs or autobiography, Khare Darshan (in two parts) etc.; *Honours*: Dr. Rahimkhan Gold Medal for standing first in M B. in 1907; *Mem*: Maharaj Bag Club and Indian Gymkhana, Nagpur; *Genl:* Prime Minister, C.P. & Berar 1937-38; Member, Viceroy's Council 1943-46; Prime Minister, Alwar State 1947-48; President All India Hindu Mahasabha 1949-52; Member of Parliament 1947-48 and 1952 57; *Knows:* Marathi, Hindi, Sanskrit, Urdu & English; *Hobb:* Chess, bridge and tennis; *Add*: Nagpur-1.

KHARE, (Dr.) Prabhakar Laxman—Reader in Pyhsics, Nagpur Univ. since 1963; *b* 5 December 1922 at Dhulia; *Edn:* M.Sc. (Physics) in 1945 from College of Science, Nagpur & Ph.D. in 1962 from Indian Institute of Science, Bangalore; *Resch Exp*: For 7 years; *Pub:* A few research papers; *Exp*: Lingaraj College, Belgaum 1947-48; College of Science, Nagpur 1948; G.S. College, Khamgaon 1949-51; Nilind College, Aurangabad 1951-63; *Knows:* Hindi, Marathi, English and German; *Add:* Aram Bungalow, 199, Gokulpeth Main Road, Nagpur.

KHATIB, (Dr.) S.M.H.—Head, Dept. of Zoology, Nagpur Univ. since September 1965; *b* 1 January 1911 at Pandharkawada in Dist. Yeotmal; *Edn:* M.Sc. (Zoology) in 1932 & Ph.D. (Entomology) in 1944 from AMU; *Resch Exp*: For over 35 years; *Pub:* Several articles and books; *Exp*: College of Science, Nagpur 1933-48; Vety. College, Jabalpur 1948-49; College of Science, Raipur 1949-50; Mahakoshal Mahavidyalaya, Jabalpur 1950-55; College of Science, Nagpur 1955-60; V.M.V. College, Amravati 1960-64; Principal, College of Science, Nagpur 1964-65: For all 35 years; *Mem:* Zoological Society of India, Entomological Society of India; Academic Council, Court, Faculty of Science, Board of Studies of Nagpur Univ.; Wild Life Advisory Board, Govt. of Maharashtra; *Knows*: English, Hindi, Urdu, Marathi & Persian; *Hobb*: Shikar and wild life watching; *Add:* Dept. of Zoology, Univ. of Nagpur, Nagpur.

KHER, (Mrs) Nirmala M.—Principal, S.V.T. College of Home Science, S.N.D.T. Women's Univ., Bombay since 1962; *b* 24 June 1921 at Nagpur; *Edn*: M.S. (Child Development & Family) in 1958 from Univ. of Tennessee, USA; *Pub*: Co-author of 'Introduction to Child Development' and 'Biology and Home Science' besides 'Prenatal Cases', 'Your Child from 1 to 6', 'Healthy Personality for Your Child'; *Exp*: S.N.D.T College of Arts, Bombay 1955-60; Sec. Teachers Training College, Bombay 1958-59 (Part-time); *Mem*: Home Science Association of India, Academic Council & Syndicate of S.N.D.T. Women's Univ., Board of Studies in Home Science in S N.D.T. Women's, Nagpur, Baroda, Universities; *Knows*: English, Hindi, Marathi, Gujrati & Sanskrit; *Visited*: UK 1953-54 and USA 1957-58; *Add:* S.V.T. College of Home Science, S.N.D.T. Women's Univ., Bombay.

KHER, (Dr.) Yadava Gangadhar—Asstt. Prof. in Chemistry, Saugar Univ. since 1955; *b* 14 October 1924 at Saugar; *Edn*: M.Sc. (Inorg Chem) in 1950 & Ph.D. (Colloid Chem) in 1956 from Saugar Univ.; *Resch Exp*: For more than 12 years; *Pub:* About 10 papers and one entitled 'Gel filtration technique for destination of sea water' in press; *Honours:* Awardee from UGC for research work in science; *Exp*: Started at Saugar Univ. in 1955; *Mem:* Indian Chemical Society; *Knows*: Hindi, Marathi & English; *Hobb*: Research; *Add*: Laxmipura, Sagar, M.P.

KHERA, Tilak Raj—Prof. & Head, Dept. of English, T.R.S. Govt. College, Rewa since July 1961; *b* 1 January 1918 at Pind Dadan Khan in Dist. Jhelum; *Edn:* M.A. (English) in 1939, first class first, Forman Christian College, Lahore; *Pub*: written on subjects like Bhagwad Gita, Literature & Science, Art, Scientific Education etc.; *Exp:* Doaba College, Jullundur; D.M. College, Moga; Govt. College, Amravati; Govt. College, Raipur; Govt. College, Balaghat; *Knows*: English, Hindi, Urdu & Panjabi; *Add*: 35, Civil Lines, Rewa.

KHOSLA, (Dr.) Jagan Nath—Director & Principal, Indian School of Public Administration, New Delhi since February 1964; *b* 28 January 1906 at Jammu; *Edn*: B.Sc. & Ph.D. from London School of Economics, UK; *Pub*: Contributed numerous papers in Indian and foreign journals; *Exp*: Lecturer for 7 years, Reader for 4 years, & head of Pol. Sc.Dept. for 4 years in Panjab Univ.; Principal, East Punjab Univ. College, New Delhi for 1 year; *Mem*: Adviser, Planning Commission on several Cttees; Technical Cttee for Social Research in Central Family Planning Institute, Consultative Council to Min. of Community Development, Area Development Cttee of UGC, Police Research Cttee of Home Ministry, State Tarding Advisory Cttee of Govt. of Rajasthan, Institue of Strategic Studies and Defence Analyses besides a large number of Govt, sponsored cttees, Univ. bodies and other literary and social organisations; *Knows*: English, French, German & Hindi ; *Visited*: Served in Indian Foreign Service for 16 years and served as Ambassador to Czechoslovakia, Romania, Indonesia, Greece, Bulgaria and Yugoslavia; was President of the International Commission in Vietnam and Laos; visited USA, Sweden, Japan, Iran, S. Korea, Thailand and France; *Add*: Indian Institute of Public Admn., Indraprastha Estate, New Delhi-1.

KHOSLA, (Dr.) Mahesh Chandra—Senior Scientific Officer, C.D.R.I., Lucknow since June 1967; *b* 6 July 1925 at Rajoya in Dist. Hazara; *Edn*: M.Sc. in 1952 & Ph.D. in 1957 from Panjab Univ.; *Resch Exp*: For 18 years in the field of a timycobacterial agents and peptides of biological interest; *Pub*: About 40 research papers; *Exp:* since 1950 at C.D.R.I.; *Knows:* German, French, English, Hindi & Urdu; *Visited*: Zurich Univ., Switzerland 1958-59; UK, France, Germany & Italy during 1959; Cleveland Clinic, USA in 1966 for research on Hypertension; *Add*: Dept. of Chemistry, C.D.R.I., Lucknow.

KHOT, Sadashiv Shankar—Head, Dept. of Geology, M.M. College of Science, Nagpur since 1953; *b* 20 April 1920 at Amraoti in Maharashtra; *Edn*: M.Sc. (Geol) in 1945 from Fergusson College, Poona; *Pub:* One paper on 'A study of the heavy mineral assemblage of the intertrappean clays around Nagpur, Maharashtra'; *Exp*: Engineering College, Hubli 1948-50; M.G. Science College, Ahmedabad 1950-53; *Mem*: Geological, Mining & Metallurgical Society; Indian Science Congress, Board of Study & Faculty of Nagpur Univ.; *Genl*: Translating 'Rutley's Elements of Mineralogy in Marathi; *Knows:* Marathi, Hindi & French; *Hobb*: Classical music and dramas; *Add*: Khot's Bungalow, New Ramdas Peth, Poona.

KHUBCHANDANI, Tirath Ghanshamdas—Principal, Jai Hind College & Basantsing Institute of Science, Bombay since 1963; *b* 7 February 1915 at Karachi; *Edn*: M.Sc. in 1942 from D.J. Sind College, Karachi; *Honours:* Hon. Major, National Cadet Corps by the Govt. of India, Justice of Peace by the Govt. of Maharashtra; *Exp*: For past 30 years; D.J. Sind College, Karachi; Bhavan's College, Bombay; *Mem* Syndicate, Senate, Academic Council, Faculty of Science and Board of Studies in Bombay Univ.; *Visited:* France, USA, UK, Switzerland, W. Germany, Italy, Belgium, Holland, Denmark, Japan, Thailand & Viet-Nam on educational tours; *Add*: 3, Govind Nivas, 16-A, Altamount Road, Cumballa Hill, Bombay-26.

KIRPAL SINGH—Principal, Govt. Institute of Textile Chemistry & Knitting Technology, Ludhiana since 1954; *b* 28 June 1914 at Amritsar; *Edn*: M.Sc. (Tex Chem) in 1947 from Lowell Textile Institute, Massachusettes; *Resch Exp*: In 'Dyeing of anthraquinone vat dyes on wool'; *Pub*: Several articles on wool dyeing; edited a technical magazine 'The Textile Dyer' at Lahore for 8 years; *Exp*: Mill experience for 5 years, joined the present Institute 20 years past; *Mem*: American Association of Textile Chemists and Colorists, Punjab Scientific Dyers & Calico Printers Association; *Genl*: Marketing Officer & Wool Expert to Govt. of Punjab for 5 years; *Visited*: USA; *Hobb*: Photography and literature reading; *Add*: Govt. Institute of Textile Chem. & Knitting Techy., Ludhiana.

KIRPALANI, Manghu Jeramdas—Principal, Regional Engg. College, Warangal since February 1967; *b* 3 December 1912 at Hyderabad; *Edn:* D.C.Ae. (Cranfield) (Design Course in Aircraft Engines) in 1955 from College of Aeronautics, UK; *Resch Exp*: For several years in aeronautical subjects; *Pub*: 'Pre-ignition Studies in Internal Combustion Engines', 'High Compression Ratio—two spool Turbo-Propeller Engine', 'A High Compression Ratio Jet Engine', 'A Fuel System for an Aircraft Engine', 'Aeronautical Strength in India' and 'Technical Training in the Indian Air Force' etc.; *Exp*: Metropolitan Vickers Factory, Manchester; Associated Electrical Industries, Calcutta; for 26 years in the Indian Air Force during which he was Commanding Officer of the Base Repair Dept. at Chandigarh for 4 years; Commandant/Principal of the Air Force Technical College, Bangalore for 5 years; Dy. Director of Research & Development (Ministry of Defence) and other important posts; *Mem*: Institution of Engineers (India), M.I.E.E. (USA), Fellow of Institute of Petroleum (London), Assoct. Fellow, Royal Aeronautical Society (London), Combustion Institute (USA); *Knows*: Hindi, English, Sindhi & German; *Visited*: UK & USA on professional duties; *Add*: D 427, Defence Colony, New Delhi-3.

KISHORE, Giriraj—Controller of Examinations, Gujarat Vidyapeeth, since April 1968; *b* 29 September 1901 at Rohtak; *Edn*: Left BHU in 1926 to join the Satyagraha Ashram, Sabarmati; *Pub*: Books on Batcheet (in 2 volumes), Samvad, Mul Sudhar, Gujrati Hindi Kosh & Hindi, Gujrati Kosh besides articles on different subjects; *Exp:* Gujrat Vidyapeeth 1937-42 and 1947-59 & Head of the Hindi Prachar Dept. 1946-68; *Genl*: Since 1926 working as a social worker in National Institutions, Satyagraha Ashram, Sabarmati; *Knows*: English, Urdu, Persian, Hindi & Gujrati; *Add*: Main Office, Gujrat Vidyapeeth, Ahmedabad.

KOCHHAR, (Dr.) Kesar Singh—Prof. & Head, Dept. of Clinical Surgery, Medical College, Amritsar since April 1963; *b* 17 December 1919 at Rawalpindi; *Edn*: F.R.C.S.in 1956 from Royal College of Surgeons, Edinburgh; *Pub:*Management of Tetanus, Chloropromazine in Tetanus, Complete Prolapse of Rectum, Fascia Lata Graft in the treatment of Inguinal Hernia, Meckel's Diverticulum, Volvulus of Gut, Crossed Renal Ectopia with Fusion, Ileocaecal Bladder; *Exp*: At Medical College, Amritsar since 1950; *Mem*: Fellow of Royal College of Surgeons, Edinburgh; Member, Association of Surgeons of India, Indian Medical Association, Association for Advancement of Medical Education; *Knows:* English, Hindi, Punjabi & Urdu; *Visited:* UK for post-graduate training; *Add*: 11, Dasondha Singh Road, Amritsar.

KOCHHAR, (Mrs.) Satwant Kaur—Senior Lecturer in Education, Govt. College of Education, Dharamsala since 1964; *b* 8 September 1926 at Rawalpindi; *Edn:* M.A. (History) in 1949 (second in the State) from Ramgarhia College, Phagwara; B.T. in 1950 from Dev Samaj College, Ferozepur; M.Ed. in 1957 from State College of Education, Patiala; *Pub*: Books on Secondary School Administration, Methods & Techniques of Teaching, Teaching of Social Studies, Teaching of History, Educational & Vocational Guidance, Teaching of Panjabi etc., contributed a number of articles; *Exp*: Dev Samaj School, Rawalpindi for 2 years; Dev Samaj College, Ferozepur for 3 years; Govt. Gollege for Women, Patiala for 2 years; State College of Education, Patiala for 9 years; *Mem:* Association of Teachers; *Knows:* English, Hindi & Panjabi; *Hobb*: Gardening and painting; *Add*: 3253, 21 D, Chandigarh.

KODANDARAMAIAH, Thimmavajjala—Lecturer in Telugu, S.V. Univ., Tirupati since October 1961; *b* 26 February 1926 at Tirupati; *Edn*: M.A. in 1956 with first class first from S.V. Univ.; *Resch Exp*: On Desi Movement in Telugu Literature and the part played by Palkuriki Somana; *Pub*: Books on Kaviraja Sikhamani, Kalapoornidaya Prasamsa, Swapna Vasavadaka, Sri Kalahasti Mahatmyamu, Keyura bahucharitra, Bhuvana Vijayamu, Annamaryodahanamu, Padabandha Parijatamu etc.; *Exp*: Sir Theagaraya College, Madras for 11 years; *Mem*: Board of Studies in Andhra and Madras universities; *Genl*: More than 150 articles published and about 100 talks broadcast on AIR, mostly on literary subjects; *Knows*: Telugu, Sanskrit, Tamil & English; *Hobb*: Reading classics; *Add*: Dept. of Telugu, S.V. Univ., Tirupati.

KOHLI, (Dr.) Surindar Singh—Head, Dept. of Panjabi, Panjab Univ., Chandigarh since April 1962; *b* 1 January 1920 at Vill. Nurpurshahar in Dist. Rawalpindi; *Edn*: M.A. (English) in 1942 & M.A. (Panjabi) in 1952 from Panjab Univ.; Ph.D. (Panjabi) in 1958 from Delhi Univ.; *Resch Exp:* For 24 years, several students have taken their Ph.D. under his supervision; *Pub:* Books on A Critical Study of Adi Granth, Outlines of Sikh Thought, Panjabi Sahit da Itihas, Panjabi Sahit-Vastuta Vichar, Panjabi Sahit (1701-1850), Prof. Puran Singh-Jiwan to Rachna; Bhai Mani Singh-Jiwan te Rachna; Lala Kirpa Sagar te unhan di kavita; Edited the Panjab de Geet, Heer Waras Shah, Jo Brehmanday Soee Pinday, Chonvian Kalian, Kahani Mala, Sawan Bijlian, Gurudeva, Paron Ayechar Janay etc.; *Honours*: Awarded Prize by Govt. of Panjab; *Exp*: Gordon Mission College, Rawalpindi for 2½ years; Khalsa College, Rawalpindi for 1½ years; Ramjas College, Delhi for 4 years; S.G.T.B. Khalsa College, New Delhi for 7 years; Institute of P.G. Evening Studies, Univ. of Delhi for 3 years; *Mem*: All India Oriental Conference, Vice-President of Panjabi Sahit Academy (Ludhiana), Member of Panjabi Writers Co-op. Industrial Society Ltd., Board of Studies in Panjabi in Panjab, Panjabi, Kurukshetra & Delhi Univ.; *Knows*: Panjabi, English, Hindi, Urdu, French, Sanskrit & Persian; *Hobb*: Book collection; *Add*: G-3, Sector 14, Chandigarh-14.

KOPARKAR, (Dr.) Dattatrey Gangadhar—Principal, S.P.K. Mahavidyalaya, Savantwadi since June 1961; *b* 7 December 1913 at Wai in Dist. Satara; *Edn :* M.A. (Sanskrit) in 1938 from Bhandarkar O.R. Institute, Poona & Ph.D. (Linguistics) in 1953 from Deccan College, Poona; *Pub :* Three articles; *Exp :* R.P.D. College, Savantwadi; Girls College, Poona; Ahmednagar College, Ahmednagar; *Knows :* Marathi, Hindi, Sanskrit, Pali, Ardhamagadhi & English; *Add :* Bhagat Bldg., Khaskil Wada, Savantwadi, M.S.

KOSHAL, (Dr.) K. D. — Head, Dept. of Surgery, Medical College, Jabalpur since September 1957; *b* 30 June 1922 at Ahmadgarh in Dist. Sangrur; *Edn :* F.R.C.S. (Surgery) in 1948 from Royal College of Surgeons of England; *Resch Exp:* Working on Oral Cancer in M.P.; guiding research students for last 18 years ; *Pub :* Ten articles on subjects like Uncommon breast lesions, Primary Actinomycosis of the breast, Traumatic perforation of the rectum etc.; *Exp*: G.R. Hedical College, Gwalior 1950-57; *Mem*: Academic Council of Jabalpur Univ., Association of Surgeons of India, Hony. Secy. of M.P. Cancer Association, member of Indian Medical Association; *Knows:* Urdu, Hindi, English, Sanskrit & Punjabi; *Visited:* UK 1947-48; *Hobb:* Gardening and bridge; *Add*: Medical College, Jabalpur.

KOTADIA, (Dr.) K. M. — Reader in Radio-Physics and Electronics, Gujarat Univ., Ahmedabad since 1960; *b* 13 May 1921 at Vill. Vadrad in Dist. Sabarkantha; *Edn:* D.I.I.Sc. (Elect Commn Engg) in 1946 from Indian Institute of Science, Bangalore & Ph.D. (Ionosphere) in 1958 from Physical Research Laboratory of Gujarat Univ.; *Resch Exp*: For past 16 years in Ionospheric physics, effects of solar flares, sunspot activity, geomagnetic storms, nuclear explosions, lunar tides, meteoric showers etc.; *Pub* : About 60 research papers and a book on 'Applied Electronics'; *Honours*: Unesco fellow in W. Germany for 1964-65; *Exp:* A.V.P. Technical Institute, Rajkot 1948-51; Physical Research Laboratory, Ahmedabad 1952-60; *Mem :* Senior Member of I.E.E.E. (USA), A.M.I.T.E. (India); *Knows* : Gujrati, Hindi, English & German; *Visited ;* Advanced Research Laboratories in W. Germany, France, Belgium, Netherlands, U.K. & Italy during 1964-65; *Add:* B-10, Gujarat Univ. Staff Quarters, Ahmedabad-9.

KOTHARI, Shantilal—Visiting Prof., I.S.P.A., New Delhi; *b* 3 October 1926 at Abu in Rajasthan; *Edn:* M.A. (Pol. Sc.) in 1950 from Univ. of California & M.Sc. (Econ) in 1955 from Univ. of London; *Pub:* Books on India's Emerging Foreign Policies, Selection of Candidates: A Comparative Study, Study in Political behaviour in Vagra Village: A New Approach; *Honours*: Awarded Mary Keeting Das Foundation Prize 1953 (USA); *Exp*: Univ. of Baroda; Visiting Prof. to Univ. of Munich, Germany; *Mem*: Member of Parliament (Rajya Sabha); Executive Council of I.I.P.A., Indian Council of World Affairs, Director & Secy. Genl. of the Centre of Applied Politics; *Knows*: English, Hindi & Gujarati; *Visited*: During 1948-50 to USA, UK & Europe; 1953-55 to Germany, UK & other countries; during 1965 to Japan, USA, UK, Yugoslavia & UAR; to Japan in 1966; *Add*: 35, Rabindra Nagar, New Delhi-11.

KOTHARI, Vithaldas Maganlal—Prof. of Economics, Gujarat Vidyapeeth, Ahmedabad since 1947; *b* 15 September 1901 at Kalol in Dist. Mehsana; *Edn*: Samaj Vidya Visharad in Economics in 1923 from Gujarat Vidyapeeth; *Pub*: Books on Technical Terms in Economics, Introduction to Economics, Ambar Charkha (Edited), Kelvani Vade Kranti, A Manual for Cultivators, Adult Education, Resolutions of Indian National Congress and several others; *Exp*: in Gujarat Vidyapeeth since 1924 & Prof. in 1947; *Knows*: Gujrati, Hindi, English & Sanskrit; *Add*: Dept. of Economics, Gujarat Vidyapeeth, Ahmedabad-14.

KOTHURKAR, Vasudeo Krishna—Prof. & Head, Dept. of Experimental Psychology, Univ. of Poona since 1950; *b* 2 March 1912 at Kalyan in Dist. Nasik; *Edn:* M.A. (Phil) in 1936 from Bombay Univ. & M.A. (Psy) in 1959 from Cambridge Univ.; *Resch Exp*: For 12 years and guiding research students for Ph.D.; *Pub*: Six books and about 40 research papers; specialization in Verbal Behaviour and Verbal Learning; *Exp*: Post-Graduate teaching experience of 17 years at Poona Univ.; *Mem:* American Psychological Association, President of Psychology & Education Section of Indian Science Congress (55th Session); *Knows*: Marathi & English; *Visited*: Delegate of Govt. of India Commission on Education Reform to USA in 1958; *Add:* Dept. of Experimental Psychology, Poona Univ., Poona-7.

KOYA, C.H. Mohammed—Minister for Education, Govt. of Kerala since 1967; *b* 15 July 1928 at Atholi in Dist. Kozhikode; *Edn*: Upto intermediate; *Pub*: Books on My Haj Pilgrimage, Caux London Cairo, My Malayasia Tour, Muslim Rule in India, Assembly Procedure etc.; was Chief Editor of 'Chandrika' daily; *Mem*: Ex-president, Tirurangadi Orphanage Cttee; Chairman of several social cttees; *Genl:* Joined Muslim League party; Secy. of Kerala State Muslim League Cttee; Leader, Muslim League Legislative Party in Kerala Assembly; Member of Parliament 1962-67; Elected M.L.A. in 1967 and became Minister of Education; *Visited:* Saudi Arabia, Switzerland, U.A.R., Malayasia, Burma, UK & Singapore etc.; *Add:* Ministry of Education, Trivandrum.

KRISHNA, (Dr.) Maddaly Gopala—Director, Indian Institute of Petroleum, Dehra Dun since June 1964; *b* 18 July 1922 at Rajahmundry; *Edn:* M.Sc. (Tech. of Fine Chemicals) in 1944 from Andhra Univ. &Ph.D. (Chem Engg) in 1948 from Univ. of Leeds, UK; *Resch Exp*: For about 25 years in laboratory and pilot plant research; *Pub*: About 30 research papers and 6 patents in the fields of low temperature, carbonization, briquetting and gasification of coals, processing of tar and tar products, synthetic liquid fuels, hydrogenation and hydrosulphurization, combustion of solid and liquid fuels and allied fields; *Honours*: Merit Scholarship of Govt. of Madras 1939-42; Govt. of India Scholarship 1945; *Exp:* Taught Fuel Technology at Osmania Univ. and at

I.I.P.; *Mem*: Indian Institute of Chemical Engineers, International Combustion Institute, Indian Science Congress; *Knows:* English, German and Russian; *Visited:* UK for higher studies; Germany, Finland, Holland, France & Italy to visit different industries and research institutions; Iran & Mexico to attend international conferences; *Hobb:* Carpentry and gardening; *Add:* Indian Institute of Petroleum, Dehra Dun.

KRISHNA MOHAN (Dr.)—Prof. of Marketing & Director of Indian Institute of Management, Calcutta since 1967; *b* 21 June 1926 at Madras; *Edn*: M.A. (Econ) in 1947 from Univ. of Madras & Ph.D. in 1951 from Univ. of Wisconsin (USA); *Exp:* Economist, International Bank for Reconstruction & Development, Washington 1950 and later Economic Research Officer in TCM, New Delhi; joined Hindustan Lever Ltd. in 1953 as Area Sales Manager and became General Sales Manager of Toilet Preparations Dept. in 1957 and Marketing Controller in 1961; Resigned from Hindustan Lever in 1965; *Mem*: Marketing Consultant to many companies like Tata Fison Ltd., Tata Finlay Ltd., Indian Oxygen Ltd., Kissan Products Ltd.; *Knows*: Hindi & English; *Visited*: USA for organisation study; *Add*: Harrington Mansion, 8, Harrington Street, Calcutta-16.

KRISHNAJI—Prof. of Physics, Allahabad Univ. since January 1967; *b* 13 January 1922 at Allahabad; *Edn:* M.Sc. (Physics) in 1944 from Allahabad Univ.; *Resch Epx*: Several students obtained their D. Phil. and a few working for D.Sc.; supervised 5 research schemes; field of research-Molecular Interactions, Microwave Spectroscopy, Dielectric Relaxation, Electron Spin Resonance; *Exp*: for about 22 years; *Mem*: Institute of Electrical & Electronic Engineers (USA), National Academy of Sciences of India, Vigyan Parishad; *Knows*: Hindi & English; *Visited:* For Scientific discussion and lectures to Copenhagen, Amsterdam, London, Paris, Washington, New York, Cambridge, Chicago, San Francisco & Tokyo in 1965; Rome, Madrid, London, Bangor, Paris, Zurich & Geneva in 1967; *Add*: 14 B, Bank Road, Allahabad.

KRISHNAMOORTHY, Cunteepuram—Principal, S.V. Agrl. College, Tirupati since May 1962; *b* 18 May 1913 near Tirupati in A.P.; *Edn:* M.Sc. (Agri) in 1957 from Agrl. College, Bapatla; *Resch Exp:* Directed and worked numerous schemes under the State Govt., Commodity cttees and other bodies; *Pub:* 25 papers in agricultural entomology; *Exp:* Agrl. College, Coimbatore; Agrl. Research Institute, Rajendranagar; Sri Venkateswara Agrl. College, Tirupati; *Mem:* Faculty of Agri. in Madras, Kerala, Annamalai & A.P. Agrl. Universities; *Genl:* Member of Entomology Cttee of ICAR, participated in International Symposium on Termites organised by ECAFE, Govt. Entomologist of A.P. Govt 1959-62 and developed the Agrl. College at Tirupati; *Knows:* English and other Indian languages; *Add;* S.V. Agrl. College, Tirupati.

KRISHNAMOORTHY, (Dr.) R.V.—Dept. of Zoology, S.V. Univ., Tirupati since 1965; *b* at Mallavaram in Dist. Chittoor; *Edn:* M.A. (Zoology) in 1959, M.Sc. in 1960, with first class first & Ph.D. (Charge properties of cell content in relation to hydrogen ion concentration) in 1963 from S.V. Univ.; *Pub:* 25 articles on subjects like subcellular electrical characteristics of amphibian muscle, metabolism of muscular fatigue, fatty acid oxidation in fatigue etc.; *Exp:* Started at S.V. Univ. in 1965; *Mem*: Sigma Xi, Society of Indian Cell Biologists, Nutrition Society of India; Chairman, Zoological Society of S.V. Univ. 1961-62; Vice-President, Indian Students Association, Illinois 1964-65; *Knows:* Telugu & English; *Visited:* USA; *Add*: Dept. of Zoology, S.V., Tirupati.

KRISHNAMURTHY, (Dr.) Kalayya—Assoct. Prof. in Agronomy, Agrl. College, Hebbal, Bangalore since 1966; *b* 3 November 1930 at Nagamangala in Dist. Mandya; *Edn:* Assoct. I.A.R.I. in 1958 from I.A.R.I., New Delhi & Ph.D. (Crop physiology and yield analysis) in 1963 from Univ. of Reading, UK; *Resch Exp*: For 14 years in crops such as cotton, wheat, groundnut, maize, paddy, sugarcane and soyabeans etc.; *Pub:* about 30 research papers; *Exp:* Joined State Dept. of Agriculture, Mysore in 1954; at College of Agriculture, Dharwar 1963-66; *Mem*: Indian Society of Agronomy, I.A.R.I., New Delhi; *Visited:* UK, France, Italy, Greece and Middle East; *Knows:* English, Kannada & Hindi; *Add:* c/o. N. Kalayya, Nagamangala Post, Mandya.

KRISHNAMURTI, M.—Principal, Hajee Karutha Rowther Howdia College, Uthamapalayam in Dist. Madurai since March 1966; *b* 26 September 1919 at Madras; *Edn*: M.A. (Econ) in 1944 and B. Com. in 1949 from Pachaiyappa's College, Madras; Dip. in Pub. Admn. in 1946 From Univ. of Madras; *Resch Exp*: In Agricultural Economics during 1947-49; *Pub*: On Cattle Wealth in India, Milk Supply, Feeding the food Supply, Rationalization in Industry & Justice & Democracy etc.; *Exp*: Asstt. Prof. in Pachaiyappa's College, Madras; Prof. of Economics at H.K.R.H. College, Uthamapalayam, Madurai; *Knows*: English, French, Tamil & Telugu; *Hobb*: Reading journals, gardening and music; *Add*: H.K.R.H. College, Uthamapalayam, Dist. Madurai.

KRISHNAN, (Dr.) Vattaramadom Rama—Prof. of Chemistry & Special Officer, S.V. Univ., Anantapur since 1968; *b* 5 October 1923 at Kothakurssi in Dist. Ottapalam; *Edn:* M.A. (Chem) in 1946 from Annamalai Univ. & Ph.D. in 1953 from Kansas Univ.; *Resch Exp*: In Electrochemistry, thermodynamics of liquid mixtures and radiochemistry; *Pub*: About 20 articles; *Exp*: Madras Christian College, Madras 1944-45; Pachaiyappas College, Madras 1945-47; Dayanand College, Sholapur 1947-56; S.V. Univ 1956-68; *Mem*: Chemical Society (London), American Chemical Society, Sigma Xi, Phi Lambda Upsilon and on Board of Studies in various universities; President, International Club at Kansas Univ.; *Knows*: Malayalam, Tamil, German, French & English; *Visited:* USA 1951-53; *Add*: Dept. of Chemistry, S.V. Univ., R.G. Centre Anantapur, A.P.

KRISHNASWAMI, N.—Asstt. Prof., Dept. of Linguistics, Central Institute of English, Hyderabad since 1963; *b* 10 July 1931 at Tiruvannamalai in Madras State; *Edn*: M.A. (English) in 1961 from Delhi Univ., M.Ed. in 1962 from Madras Univ. & M.A. (Linguistics) in 1967 from Univ. of Michigan, USA; *Resch Exp*: For 6 years in contrastive linguistics; *Pub*: On Comparison of the sounds of Hindi and Tamil with the sounds of English; Testing and evaluation in primary and secondary languages; standard Indian English etc.; *Exp*: A.C.C. School, Coimbatore 1953-58; M.E.A. Higher Sec. School, New Delhi 1959-61; College of Rural Higher Education, Coimbatore 1962-63; Research Fellow 1963-64 and Asstt. Prof. since 1964 at Central Institute of English; *Mem*: Linguistic Society of India; *Knows*: Tamil, Telugu, Hindi & French; *Visited :* USA in 1966-67 for training; *Add :* Dept. of Linguistics, Central Institute of English, Hyderabad.

KRISHNASWAMY, (Dr.) Nagarajarao—Asstt. Director, Central Salt & Marine Chemicals Research Institute, Bhavnagar since November 1965; *b* 28 February 1924 at Madurai; *Edn:* Ph.D. (Water Purification) in 1949 from Bombay Univ.; *Resch Exp:* For about 25 years in the field of Synthesis of anion exchanger from melamine, resins and membranes, demineralisation, synthesis of organic action exchanger from cashewnutshell liquid, ion-exchange techniques and reverse osmosis etc.; *Pub*: About 60 papers published or presented to symposia; eight patents registered; *Exp*: Indian Institute of Science, Bangalore 1945-51; National Chemical Laboratory, Poona 1951-65; *Mem:* Scientific Workers of India; *Knows*: English, Tamil, Canarese & Marathi; *Visited*; USA 1951, Holland 1955-56 and UK 1956; *Hobb:* Philately; *Add:* Asstt. Director, C.S. & M.R.I., Bhavnagar.

KUCHELA, (Dr.) Kesturkoppal Ningegowda—Prof. & Head, Physics Dept., Central College, Bangalore since 1966; *b* 14 June 1921 at Kesturkoppal in Dist. Mysore; *Edn*: M.Sc. (X-Rays) in 1948 from Central College, Bangalore & Ph.D. (Luminiscence) in 1960 from Victoria Univ. of Manchester, UK; *Resch Exp:* In the field of ultrasonics & energy transfer mechanism; *Pub:* Three original articles; *Exp*: Joined the Central College, Bangalore in 1945 and since then has held various positions; *Knows:* English & Kannada; *Visited*: UK; *Add*: Physics Dept., Central College, Bangalore.

KULANDAISWAMY, (Dr.) V.C.—Prof. & Head, Hydraulic Engg., College of Engg., Madras since 1966; *b* 14 July 1929 at Thennilai in Dist. Trichy; *Edn:* M.Tech, in 1956 from I.I.T. & Ph.D. from Univ. of Illinois in 1964; *Resch Exp*: For past 12 years; *Pub:* Articles on Linear Analysis of Rainfall Runoff relationship in a Basin System, Derivation of Instantaneous Unit hydrograph using Z-transform & A Note on Muskinghum Method etc.; *Exp*: Madras P.W.D. for 9 months; Coimbatore Municipality for 1¼ years; Govt. College of Techy., Coimbatore for 3 years; in the College of Engg. Guindy, Madras for 7 years, Head of the Dept. in 1965 and Prof. in, 1966; *Mem*: Phi Kappa Phi, Sigma Xi, American Society of Civil Engineers, International Institution for Hydraulic Research; Institute of Engineers (India) and other Univ. bodies; *Knows:* Tamil, English, German, French & Hindi; *Visited*: W. Germany and USA; *Add:* 23, P.N. Road, Thiruppur, Madras State.

KULKARNI, Kashinath Govind—Supervisor, R.M. Bhat High School, Parel, Bombay-12 since 1933; *b* 3 September 1908 at Poynad in Dist. Kolaba; *Edn*: B.T. (English & Maths) in 1933 from Bombay Univ.; *Pub*: A book on Grammar of Prakrit Language; *Exp:* For past 36 years teaching English & Mathematics at R.M. Bhat High School and Social Service League's Night High School, both at Parel, Bombay-12; *Genl*: Strenuously working for the uplift of backward children; *Knows:* English and Marathi; *Hobb*: Reading; *Add*: 35/186, L.J. Road, Bombay-28.

KULKARNI, Krishnaji Shamrao—Dean, Faculty of Music & Fine Arts and Head, Dept. of Painting, BHU since 1967; *b* April 1918 at Belgaum; *Edn*: G.D. Art in Mural Painting from Sir J.J. School of Art, Bombay; *Resch Exp:* In painting, sculpture, ceramics & mural in different materials; *Pub*: 'Drawings from Indian Sculpture'; painted large size murals and portraits of Central & State Govts.; *Exp:* Total teaching experience of 25 years at Triveni Kala Sangam, Delhi Polytechnic, Town Planning & Architecture, Faculty of Fine Arts BHU of Children's Book Trust ; etc. etc. ; *Genl* : Won many prizes in India and abroad, represented India abroad several times, textile designer for Delhi Cloth Mills, Judge on Children's Competition for past 16 years; won National awards from Lalit Kala Akademi, designed for three Congress Sessions in India, Designed for Railways, Ministry of Defence, Food & Agriculture, Delhi State; painted the largest mural of world 200 -x 40' at Moscow; *Knows*: Hindi, English & Marathi; *Visited*: USA, Mexico, Japan, Europe, South East Asia, Middle East & USSR (3 times); *Hobb*: Painting, sport and reading; *Add*: Faculty of Music & Fine Arts, BHU, Varanasi-5.

KULKARNI, (Dr.) Madhav Gururao—Lecturer in Sociology, Gokhale Institute of Politics and Economics, Poona since June 1960; *b* 10 December 1923 at Rani Bennur in Dist. Dharwar; *Edn*: M.A. (Socio) in 1953 & Ph.D. in 1958 from Bombay Univ.; *Resch Exp:* Did Survey of Gokak, Haveli and Navsari Talukas in studying town-country relations; also in untouchability and family; *Pub:* Seven original articles on subjects like family patterns in Gokak Taluka, spatial distribution of migrants and marriage connections, Intergenerational occupational mobility, Socio-economic Emancipation of Harijans etc.; *Exp*: Started at Gokhale Institute of Politics & Economics in 1960; *Mem*: Indian Sociological Society, member of the Governing Council of Tribal Research Institute of Maharashtra Govt.; *Knows:* English, Cannada, Marathi, Gujarati, Hindi & French; *Hobb:* Literature, music and drama; *Add*: Gokhale Institute of Politics & Economics, Poona-4.

KULKARNI, Narayan Ramchandra—Principal, R.K. Talreja College, Ulhasnagar since June 1967; *b* 5 November 1916 at Ichgaon in Dist. Sholapur; *Edn:* M.Sc. (Pure Maths) in 1941 from Fergusson College, Bombay; *Pub*: Paper on Educational Statistics and edited a book prescribed by Poona Univ.; *Honours:* Appointed as acting Vice Chancellor of Poona Univ. during 1966; *Exp*: Served as life member of the Deccan Educational Society in its colleges viz., Fergusson College, Willingdon College, Commerce College for 20 years and retired; Dean, Science Faculty, Poona Univ. since 1957; *Mem:* Executive Council of Poona Univ.; Director of Summer Schools in Maths. during 1965 and 1967; participated in numerous conferences; member, Indian Mathematical Society; *Knows:* English, Marathi & Hindi; *Add*: R.K. Talreja College, Ulhasnagar-3.

KULKARNI, (Dr.) Narhar Kalyan—Principal, D.E.S. Brihan Maharashtra College of Commerce, Poona-4 since May 1966; *b* 19 March 1921 at Ichalkaranji in Dist. Kolhapur; *Edn:* M.A. in 1946 from Univ. of Bombay & Ph.D. in 1959 from Univ. of Poona; *Resch Exp:* Guiding research scholars since 1964; *Pub*: Ten papers in Indian Economic Journal; *Exp*: Willingdon College, Sangli 1951-66; *Mem:* Faculty of Commerce of Poona & Bombay Universities; Social Sciences Faculty of Shivaji Univ.; Prof-in-charge of Commerce Dept. in Poona Univ.; Board of Directors of Spices & Oilseeds Exchange Ltd., Sangli and Co-opted Director of Urban Co-operative Bank Ltd., Sangli; *Knows*: Marathi & English; *Hobb:* Tennis and music; *Add*: B.M. College of Commerce, Poona-4.

KULKARNI, (Dr.) Prabhakar Vasudeo—Incharge of Airglow Project, Physical Research Laboratory, Ahemdabad since February 1965; *b* 19 October 1930 at Sangli; *Edn*: M.Sc. (Physics) in 1952 & Ph.D. in 1958 from Poona Univ.; *Resch Exp*: For past 15 years; *Pub*: 15 articles on subjects like Twilight Illumination, Night Airglow at Tropics, All Sky Photometer etc.; *Exp*: Wadia College, Poona; M.E.S. College, Poona; Univ. of Hawaii; *Mem*: American Geophysical Union; *Knows*: Marathi, Hindi, Gujarati, English & French; *Visited*: National Research Council, Canada; Univ. of Hawaii, USA & Tokyo Astronomical Observatory, Japan for research in geography; *Hobb*: Sports; *Add:* Physical Research Laboratory, Ahmedabad-9.

KULKARNI, Shyamkant Madhava—Principal, Pemraj Sarda College, Ahmednagar since June 1962; *b* 5 June 1923 at Belgaum; *Edn*: M.A. (Econ) in 1945 from Gokhale Institute of Politics & Economics, Poona; *Pub:* Books on Nagar-Neeti, A Text Book of Economics and Arthashastra Paribhasha; *Exp*: Vijaya College, Bijapur 1945-46; Garda College, Navsari 1946-49; Ahmednagar College, Ahmednagar 1949-62; *Knows:* English, Marathi, Hindi & Kanarese; *Add*: Pemraj Sarda College, Ahmednagar.

KULKARNI, Vasant Vishnu—Head, Dept. of Library Science, Nagpur Univ. since September 1964; *b* 3 May 1929 at Madha in Dist. Sholapur; *Edn*: M.A. (Marathi) in 1952 from Poona Univ. & M.Lib. Sc. in 1954, first in Univ., from Delhi Univ.; *Pub*: Granthalayeen Vyavasthechi Ruparekha besides 20 papers; *Exp*: Nagpur Univ.; *Mem*: IASLIC, Maharashtra Library Association; *Knows*: Marathi, Hindi, English & Sanskrit; *Add:* Univ. Library, Nagpur Univ., Nagpur.

KULKARNI, Waman Laxman—Prof. & Head, Dept. of Marathi, Marathawada Univ. since 1959; *b* 6 April at Chopda in Maharashtra; *Edn:* M.A. in 1936 from Univ. of Bombay, winning Chilunkar Marathi Prize; *Resch Exp:* For over 10 years at different universities; ten books and more than 150 research papers, largely on literary criticism; *Exp*: Wilson College, Bombay 1943-59; *Mem*: President, All India Marathi Literary Conference (Hyderabad 1965) & Sectional Chairman, Fiction Section (Madurai 1959) and again at Aurangabad in 1957; Board of Studies in Marathi in different universities; actively associated with literary societies in other States; *Knows*: English, Marathi, Gujrati & Hindi; *Visited:* UK, France, Italy, Egypt, USA, Japan & Thailand etc. in 1964 on the invitation of States Dept. of USA; *Add*: Dept. of Marathi, Marathawada Univ., Aurangabad.

KULSHRESHTHA, (Dr.) Arun Prakash—Asstt. Professor of Physics, Indian Institute of Technology, New Delhi since June 1966; *b* 27 August 1941 at Agra; *Edn:* M.Sc. (Physics) in 1959 from Agra College, Agra & Ph.D. in 1965 from Moscow State Univ., USSR; *Resch Exp:* For nine years at BHU, Moscow State Univ. and NPL, New Delhi; *Pub:* Eleven papers on Microwaves, transistor circuits and semi-conductor physics; *Exp*: Started at I.I.T., New Delhi; *Genl*: Translating books from Russian to English and Hindi; worked as Announcer on Radio Moscow; *Knows:* Hindi, English, Russian, French and Bengali; *Visited:* USSR 1962-65; *Hobb:* Writing, reading, philately and indoor games; *Add:* c/o Prof. H.S. Kulshreshtha, 1/71, Talaiya Lane, Fatehgarh, NER.

KULSHRESTH, (Miss) Dr. Sarojini—Principal, K. R. Girls Degree College, Mathura since 1957; *b* 4 March 1923 at Vill. Daghenta in Dist. Mathura; *Edn:* M.A. (Hindi) in 1951 from Meerut College, Meerut & Ph.D. (Krishna in Hindi Literature) from Agra Univ.; *Pub:* Books on 'Madhyayugeen Sahitya men Krishna' and 'Sadhna', latter a collection of self-composed poems; *Exp*: Raghunath Girls College, Meerut 1951-54; Savitri Girls College, Ajmer 1954-57; *Mem:* Senate of Agra Univ., Bhartiya Hindi Parishad; *Knows*: English, Hindi, Bengali & Sanskrit; *Hobb*: Painting, travelling, music and boating; *Add:* K.R. Girls College, Mathura.

KUMAR, Guru Das—Asstt. Anthropologist, Anthropological Survey of India, Calcutta since 1953; *b* 12 December 1916 at Meerut; *Edn:* M.Sc. (Anth) in 1938 from Calcutta Univ.; *Resch Exp:* In the field of Somatometry, craniometry, oesteemetry, study of pre and protohistoric human skeletal remains etc.; *Pub*: About 15 papers including on Somatic Characters and Racial affinities of the Kannikars of Travancore State, Santals of Parganas, Uralis of Travancore & Cochin State, Malapantarams of Travancore-Cochin; Human Remains of Indus Valley Civilization etc.; *Honours*: Awarded Sir Asutosh Book Prize in 1938; *Exp*: Started with Anth. Survey of India; *Mem:* Indian Science Congress, Anthropoligical Society; *Knows*: English, Bengali, Hindi, Sanskrit & German; *Hobb*: Painting and studying life habitats of primitive peoples; *Add:* 26 Sakher Bazar Lane, P.O. Bhadrakali, Dist. Hooghly.

KUMAR, H.J.—Senior Lecturer in Political Science, Punjab Univ. Post Graduate Regional Centre, Rohtak since 1966; *b* 20 May 1935 at Balachour in Dist. Hoshiarpur; *Edn:* M.A. (Pol Sc) in 1954 from Panjab Univ.; *Exp:* D.A.V. College, Hoshiarpur for 9 years; G.M.N. College, Ambala Cantt for 3 years; *Genl*: Active participant of youth and other socio-cultural activities; *Knows:* English, Hindi, Panjabi & Urdu; *Hobb*: Instrumental music, photography, pencil portraits drawing; *Sports:* Dist. Badminton Champion for 3 years at Hoshiarpur; Hony. Secy. of Dist. Cricket & Badminton Association; *Add:* Dept. of Pol. Sc., P.U. P.G. Regional Centre, Rohtak.

KUMAR, (Dr.) Siddhanath—Hindi, Dept., Ranchi Univ. since 1962; *b* 13 August 1927 at Buxar in Dist. Shahabad; *Edn*: M.A. (Hindi) in 1950 from Patna Univ. & Ph.D. (Development in the Technique of One-Act Plays in Hindi) in 1963 from Bhagalpur Univ.; *Resch Exp:* Currently working on 'A Comparative study of the Indian and the Western theories of Drama'; *Pub:* Hindi Ekanki ki Shilpavidhi ka Vikas, Radio-natya- Shilpa, Radio-varta-Shilpa, Srishti ki Sanjh aur Anya Kavya Natak, Rang Aur Roop, We Abhi bhi Kwanri Hain, Toota Hua Admi etc.; *Honours*: Awarded in 1958 the Bihar Rashtrabhasha Prize; *Exp*: H.D. J. College, Arrah 1955-56; S.P.J. College, Sasaram 1958-62; *Genl*: Writing radio plays and talks for past 17 years; *Knows*: English & Hindi; *Add:* Dept. of Hindi, Ranchi Univ., Ranchi.

KUMARESAN, Paul Daniel—Principal, Muthiah Polytechnic, Annamalainagar since November 1960; *b* 12 February 1925 at Madras; *Edn:* D.I.C. (Mech Engg) in 1948 from City & Guilds (Engg) College, London; *Exp:* Burmah-Shell, Madras for 3 years; Directorate of Industries, Pondicherry for 6 months; Madras Industries Service for 8 years; Christy & Norris Ltd., UK for 1 year; *Mem*: Chairman, T.E.L.C. Industrial Board; Member, Tiruchirapalli Productivity Council; *Knows*: English, German & Tamil; *Visited*: U.K.; *Hobb:* Music and photography; *Add*: Muthiah Polytechnic, Annamalainagar, Madras State.

KUNDU, (Dr.) Ramanath—Dept. of Psychology, Calcutta Univ.; *b* 1 January 1931 at Chandernagore; *Edn*: M Sc. (App Psy) in 1955 & D. Phil. in 1961 from Calcutta Univ.; *Resch Exp*: For 12 years; *Pub*: About 50 research papers on subjects like accidents in factories, human relations in industry, automobile accidents, neurotic personality, intelligence and its measurement etc.; *Exp*: At Dept. of Psychology, Calcutta Univ. since 1956; *Mem:* Ex.Jt. Secy. of Indian Psychological Association; Member of Indian Science Congress, International Council of Psychologists and many academic bodies of the Univ.; *Genl*: Worked as Psychiatrist in Ministry of Defence; Kundu's Neurotic Personality Inventory has been developed and copyrighted and is widely in use; *Knows*: English, Bengali & Hindi; *Hobb*: Photography and stamp collection; *Add*: Jadu Ghosh Lane, P.O. Chandernagore, W.B.

KUPPURAJULU, (Dr.) Atteri—Dept. of Elect. Engg., I.I.T., Madras since July 1967; *b* 9 May 1938 at Chittoor; *Edn:* M.E. in 1961 from Indian Institute of Science, Bangalor; & Ph.D. (Power Systems) in 1966 from Moscow Power Institute, Moscow; *Resch Exp*: For 4½ years in improvement of stability of power system by excitations control; *Exp:* S.V. Univ. College of Engg., Tirupati 1961-67; *Knows*: English, Telugu & Russian; *Visited:* USSR, 1963-66 for research; *Hobb*: Tennis, bridge and gardening; *Add*: Dept. of Elect. Engg., I.I.T., Madras-36.

KUPPUSWAMY, (Dr.) B.—Retired; *b* 25 February 1907 at Bangalore; *Edn*: M.A. (Psy) in 1929 and D. Litt. in 1944 from Univ. of Mysore; *Resch Exp*: Since 1928; *Pub:* Books on Lectures on Mental Heredity, Kannada Pada Patti, Educational Reconstruction, Sikshana Manovijnana, Makkala Manassu, Elementary Experiments in Psychology, A Study of Opinion regarding Marriage and Divorce, Introduction to Social Psychology, Adhunika Manassastra Parichaya, Advanced Educational Psychology, Industrialization and Social Change etc.; *Exp:* Univ. of Mysore 1929-62 (except 1949-52 while at Presidency College, Madras); *Mem:* Indian Psychological Association, Indian Philosophical Congress, Indian Sociological Association, All India Association on Mental Retardation, President of Institute for Social and Psychological Research; *Knows*: Telugu, Kannada, English & Hindi; *Visited*: USA 1956, 1958, 1962 and 1968; Netherlands 1956, Japan 1962, UK 1962, France 1962; UAR, Ceylone, Malaysia & Yugoslavia in 1963; Greece in 1964; Nepal 1965, Denmark 1966, Iran in 1967 etc; *Add:* 490, 19th Main IV Block 'T', Jayanagar, Bangalore-11.

KURIAN (Dr.) C.V.—Prof. & Head, Dept. of Marine Biology & Oceanography, Ernakulam since 1962; *b* 3 November 1919 at Mavelikara in Kerala; *Edn:* M.Sc. in 1947 from Marine Biology Lab., Trivandrum & D.Sc. in 1956 from Oceanographic Institute, Split, Yugoslavia; *Resch Exp*: For 25 years; *Pub*: Original papers; *Exp*: P.G. teaching in Dept. of Marine Biology & Oceanography, Ernakulam since 1956; guiding research students for doctoral degrees; *Mem*: Vice-President, Marine Biological Association of India; *Knows*: English, Malayalam, Serbo-Croat; *Visited*: Yugoslavia and UK for research work; France, Norway, Denmark, Sweden, W. Germany & USSR to attend international conferences; *Add:* Chaliyathu House, Chettikulangara P.O., Mavelikkara, Kerala.

KURTAKOTI—Devadatta Shankarrao—Principal, K.L. Society's Gogte College of Commerce, Belgaum since 1959; *b* 14 October 1928 at Gadag in Dist, Dharwar; *Edn*: M.A. (Econ) in 1950 from Univ. School of Economics & Sociology, Bombay; *Resch Exp*: On Effects of Prohibition in Rural areas; *Pub*: On 'Finance in the 3rd Five Year Plan' and 'A Decade of Indo-Russian Co-operation'; *Exp*: S.K.P. College of Commerce, Surat; R.P.D. College, Belgaum; *Mem:* Academic Council, Senate, Board of Studies in Commerce of Karnatak Univ.; *Knows:* English, Kannada, Marathi & Sanskrit; *Hobb:* Indoor games; *Add*: K.L.S. College of Commerce, Belgaum.

KURUP, (Dr.) N.G.—Principal, N.S.S. College, Pandalam since 1964; *b* 28 August 1928 at Pandalam in Kerala; *Edn*: M.A. (Zoology) in 1950 with first class first from Annamalai Univ., Ph.D. in 1954 from BHU & Post doctoral study 1962-64 from Univ. of Oregon, (USA); *Resch Exp:* For about two decades, now guiding numerous Ph.D. scholars; *Pub:* Ten original articles; several poems in Malayalam; *Exp:* BHU; Mahatma Gandhi College, Trivandrum; N.S.S. College, Ottapalam; joined N.S.S. College at Pandalam in 1954 as Prof. of Zoology; *Mem:* Royal Entomological Society (London), Zoological Society of India, Entomological Society of America; *Knows:* English, Malayalam and French; *Visited:* UK, Egypt, Italy & USA for sightseeing, higher studies and to deliver lectures; *Add*: N.S.S. College, Pandalam, Kerala.

L

LAD, Kashinath Zumaklal—Principal, Pratap College, Amlaner since June 1964; *b* 28 December 1920 at Chopda; *Edn:* M.Sc. (Chem) in 1945 from BHU; *Pub*: Papers on New Light Effect (now known as Joshi Effect); *Exp:* Dungar College, Bikaner 1945-48; joined Pratap College, Amalner in 1948 and remained its Principal during 1952-61; *Mem:* Board of Studies, Faculty, Academic Council & Court of Poona Univ.; *Knows*: Marathi, Hindi, Gujarati & English; *Hobb:* Reading of Scientific and Technological literature; *Add:* Pratap College, Amalner, M.S.

LADDHA, (Dr.) G.S.—Director, A.C. College of Technology, Madras-25 since 1954; *b* 26 August 1922 at Kakada in Dist. Amraoti; *Edn:* M.S. (Chem Engg) in 1947 & Ph.D in 1949 from Purdue Univ., USA; *Resch Exp:* For past two decades; *Pub:* Several articles on fluid dynamics, heat transfer, mass transfer, absorption, liquid-liquid extraction and transport properties of fluids etc.; *Exp:* Joined A.C. College of Technology, Madras in 1950 and held different positions; *Mem:* Vice-President, Indian Institute of Chemical Engineers; Member, Association of Principals of Tech. Institutions, Rotary Club of Madras, Gymkhana Club; Director of Chemicals & Plastics India Ltd. and Hanuman Vitamin Foods Private Ltd.; *Visited:* USA & UK; *Knows:* English, German, Hindi & Marathi; *Add:* A.C. College of Technology, Madras-25.

LAHIRI, (Dr.) Adinath—Director, Central Fuel Research Institute, Dhanbad since 1954; *b* 24 August 1916 at Pabna, East Pakistan; *Edn:* M.Sc. (Geol) in 1938 from Calcutta Univ., Ph.D. (Geochem) in 1941 winning Judd Memorial Prize from London Univ., D.I.C. (Utilization of Oil Shales) in 1942 from Imperial College of Science & Techy., London; *Resch Exp:* For about 3 decades; *Pub:* About 400 papers on subjects like Oil Shales, Aero Engines, Coal Tar Analyses, Combustion Engg., Gasification of Coal, Utilization of Lignite, Spectroscopy, Chromotography, n.m.R. etc.; *Exp:* Scientific Officer, Royal Aircraft Establishment, UK 1942-45; Asstt. Director (Planning) 1945 53, Dy. Director 1953-54 and Director since 1954 at C.F.R.I., Dhanbad; *Mem:* Fellow of the Institute of Fuel & Petroleum, Institute of Chemists, National Institute of Sciences of India, Insitute of Engineers, F.R.I.C.; served on various Technical Cttees of Govt. of India and several State Govts., Chairman of the Institute of Fuel, Chairman of several Cttees of Indian Standards Institution, Guide for Ph.D. in majority of Indian universities; Director on National Coal Development Corpn. and Durgapur Projects Ltd.; *Visited:* USA, Cannada, Japan, W. Germany, UK, France, USSR, Poland, Yugoslavia, Bangkok and other E. European countries to attend different conferences and see the working of their laboratories; *Hobb:* Rose gardening, shooting big games etc.; *Add*: Balaka, Canari Hill Road, Hazaribagh, Bihar.

LAKSHMAN, (Dr.) Samineni Venkata Janardhana—Dept. of Physics, S.V. Univ. since 1961; *b* 23 September 1933 at Vizianagram; *Edn:* M.Sc. (Physics) in 1955 with first class first & D.Sc. (Spectroscopy) in 1961 (completed in record period of 2½ years) from Andhra Univ.; *Resch Exp*: For 11 years in Applied Spectroscopy, spectrochemical analysis of soils, rocks, biological and plant materials etc.; *Pub:* 10 research papers; *Exp:* National College, Masulipatam; Karimganj College, Assam; Gauhati Univ.; Andhra Univ.; *Knows:* English, Telugu & German; *Visited:* UK during 1965 under the exchange programme of younger scientists; *Hobb:* Gardening; *Add:* Dept. of Physics, S.V. Univ., Tirupati.

LAKSHMANAN, A.R.—Principal, Poompuhar College of Indian Culture, Melayur, Thiruvengadu, P.O. since July 1967; *b* 24 October 1929 at Devakottai in Dist. Ramnad; *Edn:* M.A. (Geog) in 1960 from Presidency College, Madras & M.A. (Indian Art & Architecture) in 1963 from BHU; *Exp:* Sri Palani Yandavar College of Indian Culture, Palani; *Mem:* Academic Council, Senate, Board of Studies of Madras Univ.; *Knows:* Tamil, English & French; *Hobb:* Photography and dancing; *Sports:* Secured Runners cups on three occasions in Kodaikanal Boats Club Regatta; *Add:* 35, Sivankoil South Street, Devakottai.

LAKSHMI, (Dr.) Venkatraman Sita—Assoct. Prof. of Obst. & Gynae., Medical College, Bellary since Nov. 1966; *b* 28 Sept. 1924 at Bangalore; *Edn:* D.G.O. in 1963 from Trinity College, Dublin & M.R.C.O.G. in 1966 from Royal College of Obst. & Gynae., London; *Resch Exp:* In the field of Infertility etc.; *Exp:* Started at Medical College, Bellary; *Mem:* Indian Medical Association, Federation of Obstetricians & Gynaecologists of India; *Knows:* English, Kannada, Tamil, Hindi, Sanskrit, Telugu & Bengali; *Visited:* Ireland, Great Britain, France, Germany, Italy, Switzerland, Denmark etc. for study and observation of Hospitals; *Hobb:* Reading and gardening; *Add:* c/o A. Jagadisan, 182, Srikanta Nitanya, Ragavendra Colony, Bangalore-18.

LAKSHMINARYANA, (Dr.) G.—Prof. & Head, Dept. of Maths., Nagarjunasagar Engg. College, Hyderabad since March 1967; *b* 20 October 1930 at Warangal; *Edn:* M.A. (Maths) in 1954 & Ph.D. (Mathematical Theory of Elasticity) in 1960 from Osmania Univ.; *Resch Exp:* For 13 years, several students obtained Ph.D.; *Pub:* About 25 papers; *Exp:* Osmania Univ. for 7 years; Regional Engg. College, Warangal for 6 years; *Mem:* Indian Society of Theoretical & Applied Mechanics, National Academy of Sciences of India; *Knows:* Telugu, Urdu, Hindi, English, German & Russian; *Add:* P.O. Koppula, Taluk Parakal, Dist. Warangal.

LAL, Jagat Narain—Dept. of Philosophy & Psychology, Gorakhpur Univ. since February 1964; *b* 4 September 1929 at Rudauli, Chunar in Dist. Mirzapur; *Edn:* M.A. (Psy) in 1954 from BHU; *Pub:* Books on Manav Vikas ka Manovigyan, Manovigyan aur Shiksha me Sanktuki; *Exp:* Wesley College, Azamgarh; D.B. Inter College, Gorakhpur; Degree College, Ghazipur; K.S.S. Mahavidylaya, Faizabad; *Knows:* English, Hindi, Urdu & Persian; *Add:* Nandan Niwas, Beniganj, Gorakhpur.

LAL, (Dr.) Krishna Behari—Prof. & Head, Dept. of Maths., Univ. of Gorakhpur since December 1967; *b* 2 September 1919 at Allahabad; *Edn:* M.A. (Maths) in 1943 from Univ. of Allahabad & Ph.D. (Relativity) in 1960 from Univ. of Gorakhpur; *Resch Exp:* For 11 years in connections in Einstein's unified field theory of gravitation and electromagnetism; guiding research students; *Pub:* Books on 'Infinite Series & Products for P.G. classes', 'Theory of Aggregate of Real Numbers', 'Victor Analysis', 'Text Book of Higher Algebra' besides numerous articles; *Honours:* Selected by UNESCO for an assignment in Nigeria in 1966; *Exp:* St. Andrew's College, Gorakhpur; *Mem:* Tensor Society, Japan; Indian Mathematical Society, National Academy of Sciences of India; *Knows:* Hindi, Urdu & English; *Add:* 735, Mahamalviyanagar, Allahabad.

LALITHA, (Dr.) Mrs Jayanthi—Principal & Head of Chemistry, Sree Devi Kumari Women's College, Hyderabad-28 since December 1967; *b* 10 January 1931 at Madras; *Edn:* M.Sc. (Chem) in 1954 from J.V.D. College of Science & Techy., Waltair & Ph.D. in 1962 from A.C. College of Technology, Madras-25; *Resch Exp:* For 7 years; *Pub:* 5 research papers; *Exp:* Lecturer, Osmania Univ. 1956-57; Assoct. Lecturer, Indian Institute of Techy., Madras, 1961-65; Prof. of Chemistry, Sree Devi Kumari Women's College 1965-67; *Knows:* German, English, Hindi, Tamil & Telugu; *Hobb:* Music and gardening; *Add:* Sree Devi Kumari Women's College, Hyderabad-28.

LATA, (Dr.) (Mrs.) Swarna—Principal, M.S. College for Women, Bikaner since 1948; *b* 5 March 1915 at Moradabad; *Edn:* M.A. (Sanskrit) in 1942 from BHU; M.A. (Hindi) in 1951 & Ph.D. in 1960 on Rajasthan folk songs from Rajasthan Univ.; *Pub*: Books on Sahitya-digdarshan, Rajasthan Folk Songs, Nav-Vadhu, Sanskrit Rachna Ballari, Kuchh Sankalan-Niji Alochana Sahit, Anuvad, Self Knowledge, All about Hinduism besides articles; *Exp*: M.S. College for Women, Bikaner; Govt. Girls Degree College, Kota; teaching for 31 years and for 20 years as Principal; *Mem*: Senate & Faculty of Arts of Rajasthan Univ., All India Sanskrit Sammelan, Vice President of Mahila Jagriti Parishad (Bikaner) etc., member of State National Savings Scheme; *Knows:* Hindi, Sanskrit, English, Urdu & Rajasthani; *Hobb*: Social service; *Add:* M.S. College for Women, Bikaner.

LAUD, (Dr.) Bhalchandra Balkrishna—Prof. & Head, Dept. of Physics, Marathwada Univ. since 1965; *b* 19 March 1913 at Aroba, Goa; *Edn*: M.Sc. (App Maths) in 1947 & Ph.D. (Physics) in 1951 from Bombay Univ.; *Resch Exp*: For 20 years; *Pub:* 20 research papers, his works quoted in many books; *Exp*: Wilson College, Bombay for 2 years; The Institute of Science, Bombay for 4 years; Univ. of Poona for 12 years; *Mem:* Indian Physical Society, Chairman of the Convention of Spectroscopists; *Knows:* English, Portuguese, French, Marathi & Hindi; *Hobb*: Tennis, badminton and bridge; *Add:* Dept. of Physics, Marathwada Univ., Aurangabad.

LELE, (Dr.) Ramchandra Dattatraya—Prof., Medical College, Nagpur since 1963; *Edn*: D.T.M. & H. in 1955 from London School of Tropical Medicine; M.R.C.P. in 1956 from Royal College of Physicians, Edinburgh & M.R.C.P. in 1957 from Royal College of London; *Pub:* Eleven papers on subjects like Varicella Gangrinos with gangrene of extremities, Aellaptonuria, Leprosy presenting as Rheymatoid arthritis, Pyridoxine Responsive anaemia, Retinal Haemorrhages in anaemia, Diabetes mellitus with Diabetes insipidus etc.; *Exp:* Medical College, Aurangabad; Reader, Medical College, Nagpur 1957-60; *Mem:* Association of Physicians of India, Indian Medical Association, Diabetic Association of India, Indian Society of Advancement of Medical Education, Nuclear Medicine Society (USA); *Knows*: Marathi, Hindi, Urdu & English; *Visited*: UK and Canada; *Add:* Medical College, Nagpur.

LIMA, (Mrs) Melita De—Principal, College of Nursing, Bombay since July 1966 ; *b* 24 April 1929 at Delhi; *Edn:* M.S. (Public Health Nursing) in 1956 from Boston Univ., USA; *Exp:* College of Nursing, Delhi; *Mem:* Trained Nurses Association of India, Graduate Women's Association in Bombay, Altrusa Club; Academic Council and Syndicate of Bombay Univ.; *Knows:* Konkani, Hindustani & English; *Visited:* USA in 1955-56 on Rockfeller Fellowship; *Hobb*: Reading; *Add:* College of Nursing, Byculla, Bombay-8. (BC).

LINGAIAH, Lalitha—Dean, Govt. Medical College, Mysore since 1967; *b* 26 October 1912 at Mysore; *Edn:* M.S. (Obst & Gyna) in 1948 from Horace Rockham School of Graduate Studies; *Exp*: Total teaching experience for 12 years at Bangalore Medical College, Mysore Medical College, Karnatak Medical College, Hubli; *Knows:* Kannada, English & Tamil; *Visited*: USA for higher studies; *Hobb:* Gardening; *Add:* Govt. Medical College, Mysore.

LODHA, Kalyanmal—Reader & Head, Dept. of Hindi, Calcutta Univ. since 1960; *b* 27 September 1921 at Jodhpur; *Edn:* M.A. in 1943 & Diploma in Photography from Allahabad Univ.; *Resch Exp:* In the field of Mediaeval copper plates and documents; *Pub:* Many research articles on Modern Hindi literature, edited a notable work on Bal Mukunda Gupta; *Exp:* Research Officer, Govt. of Jodhpur 1943-45; Senior Lecturer in Jaipuria College, 1945-48; Lecturer, Calcutta Univ. 1948-59 and held different positions; *Mem*: Paper Setter of Public Service Commission since 1951, member of P.S. Commission; Chairman, Eastern Region Text Book Cttee under N.C.E.R. & T., member of several other univ. bodies; *Pub:* Yasodhara, Lajja Sarga in Kamayani, Memoirs of Nirala & Mahadevi, Modern Hindi Poetry, Existentialism, Prasad's Life, Nada and its Character, Jaishankar Prasad; Reviewer of books and talker on A.I.R.; *Genl:* Genl. Secy. of Bhartiya Hindi Parishad, Allahabad; Executive Member of Kashi Nagari Pracharini Sabha; Founder Secy. of Bangiya Hindi Parishad & Balika Vidya Bhawan; *Knows:* English, Hindi, Bengali & Gujrati; *Add:* Dept. of Hindi, Univ. of Calcutta, Calcutta-12.

LOKANATHAN, (Dr.) Palamadai Samu—Former Director General, National Council of Applied Economic Research, New Delhi; *b* 10 October 1894; *Edn:* M.A. from Madras Univ. & D.Sc. (Economics) from London School of Economics, London; *Honours*: The Most Noble Order of the Crown of Thailand First Class; *Exp:* Prof. of Economics, Univ. of Madras 1941-42; Editor of Eastern Economist, New Delhi 1943-47; Executive Secy. of U.N. Economic Commission for Asia and Far East, Bangkok 1947-56; Director General, National Council of Applied Economic Research, New Delhi 1956-67; Consultant to the Institute of National Planning, UAR 1960; *Mem:* Founder member of Birla Technological Society, President of Madrasi Education Association (New Delhi, 1963-66), Vice President of Indian Council of World Affairs, Chairman of Asian Productivity Organisation (Tokyo, 1963), Director of Mettur Chemical & Industrial Corpn. Ltd.; Member of Board of Trade of Govt. of India, Indian Institute of Foreign Trade, Export-Import Advisory Council, Board of Directors of Allahabad Bank Ltd., Gandhi Peace Foundation, Administrative Staff College of India, Hony. Fellow of London School of Economics; *Pub*: Books on Indian Welfare in India, Industrial Organisation in India, Indian Industry, A Study of Savings in India, Indian Economic System besides several reports, books, papers on Savings, Transport, Energy, Taxation and Finance; *Add:* 62, Srinagar Colony, Madras-15.

LOURDES, (Father) Peter Vincent—Principal, Salesian College, Sonada since February 1967; *b* 19 March 1926 at Calcutta; *Edn:* Diploma (Psy) in 1966 from Salesian Univ. of Rome; *Resch Exp:* For 2 years in Social Psychology; *Pub*: Monogram on 'Indian students in Italy, their adjustment and attitudes'; *Exp:* Don Bosco Higher Secondary & Technical School, Liluah-Howrah, teacher for 3 years and Headmaster for 6 years; Our Lady's House High School, Sonada, teacher for 1 year and Headmaster for 3 years; *Knows:* Latin, Italian, Spanish & French; *Visited:* Italy and Germany; *Hobb:* Music, drama, journalism and hockey; *Add:* Salesian College, Sonada P.O., W.B.

LUNIYA, B.N.—Principal, Madhav College, Ujjain since 1968; *b* 12 November 1917 at Indore; *Edn:* M.A. (History) in 1946 from Holkar College, Indore; *Resch Exp:* In the field of architecture in Madhya Bharat; *Pub*: Evolution of Indian Culture (Translated into Russian), A Handbook of World History, Ancient Indian Culture, Political & Cultural History of Ancient India (In Hindi), Bhartiya Sabhyata aur Sanskriti ka Vikas, Political & Cultural History of Early Medieval India, all books; read several papers in Indian History Congress; *Exp:* Holkar College, Indore; Govt. Colleges, Dhar Ratlam & Khargone etc.; *Mem:* Member & Vice-Chairman of Madhya Pradesh Itihas Parishad; Chairman, Board of Studies in History of Vikram & Indore Univ; Member, Faculty of Arts, Senate etc.; *Knows:* Hindi, English & Marathi; *Hobb:* Writing books and articles; *Add:* Madhav College, Ujjain.

m

MADAN, (Dr.) G.R.—Lecturer, Dept. of Sociology & Social Work, Lucknow Univ. since 1956; *b* 19 November 1923 at Vill. Trilok Chand in Dist. Montogomery; *Edn*: M.A. (Econ) in 1951 from E. Punjab Univ. Camp College, New Delhi & Ph.D. in 1954 from Lucknow Univ.; *Resch Exp:* Ph.D. thesis on 'Rehabilitation of Co-operative Movement in the Punjab; *Pub:* Books on Co-operative Movement in the Punjab, Changing Pattern of Indian Villages, Co-operative Farming and Service Co-operatives in India, Indian Social Problems, Economic Thinking in India, Indian Social Problems besides many articles; *Exp*: Research Supervisor, J. K. Institute of Sociology & Human Relations, Lucknow 1954-56; Post-Doctoral Research Fellow at Mississippi State Univ., 1966-67; Fulbright Scholarship Visiting Lecturer to USA; *Mem:* Executive Council of District Council for Child Welfare and many other social organisations; *Knows:* Hindi, Urdu, English, French & Punjabi; *Visited:* USA; *Hobb:* Social service; *Add*: Dept. of Sociology, Lucknow Univ., Lucknow.

MADAN, (Dr.) Indar Nath—Head, Hindi Dept., Panjab Univ. since 1961; *b* 1 March 1910 at Vill. Girote in Dist. Shahpur; *Edn:* M.A. (English) in 1932 & Ph.D. (Hindi) in 1938 (first Ph.D. in Punjab & 2nd in India) from Panjab Univ.; *Resch Exp*: For 30 years; *Pub*: Books on on Modern Hindi Literature, Sarat Chandra Chatterjee-His Mind & Art, Prem Chand, Hindi Kala Kar, Prem Chand: Ek Vivechan, Alochna Tatha Kavya, Adhunik Kavita ka Mulyakan, Aj ka Hindi Upanyas, Hindi Kahani-Apni Zabani, Kuchh Uthle: Kuchh Gahre; edited books of Jaishankar Prasad: Chintan va Kala, Tulsidas: Chintan aur Kala, Upanyskar Ashk, Mahadevi, Kahani Aur Kahani, Kavita aur Kavita, Aj ki Hindi Kavita, Aj ki Hindi Kahani besides papers; *Honours:* Prize winner throughout career, State Award for Hindi 1964; *Exp*: D.S. College, Lahore 1938-47; P.U. Camp College, New Delhi 1948-50; joined Hindi Dept. Panjab Univ. in 1951 and its head during 1951-61; *Mem:* Indian P.E.N., P.U. Academic bodies; *Genl:* Bachelor so far; *Hobb*: Gardening and cooking; *Add:* 595, Sector 18, Chandigarh-18.

MADHOK, Bal Raj—Head, Dept. of History, D.G.D.A.V. College, New Delhi since 1958; *b* 25 February 1920 at Askardu in Dist. Ladakh; *Edn*: M.A. (History) in 1942 from Punjab Univ.; *Resch Exp:* In the field of causes and solutions of communal problems in India; *Pub:* Books on Kashmir Divided, Shyama Prasad Mookerjee, Hindu Rashtra, Political Trends in India, Kashmir-Centre of New Alignments, Why Jansangha?, Jeet yar Har, Bharat ki Suraksha, Bharat aur Sansar besides countless articles and public speeches; *Exp*: D.A.V. College, Srinagar; P.U. Camp College, New Delhi; *Mem*: Indian History Congress, Indian Council of World Affairs; Executive Member of Institute of Constitutional & Parliamentary Affairs, Inter-Parliamentary Union; Executive Chairman of Forum of International Studies; *Genl:* Combined politics with teaching; joined Praja Parishad in 1947, Member Lok Sabha 1961-62 and again since 1967; President of A.I. Bhartiya Janasangh 1966-67; Founder Secretary of Akhil Bhartiya Vidyarthi Parishad; *Visited:* Almost all countries of East Asia, West Asia & Europe; USA to deliver lecture on Indian foreign affairs and Kashmir; *Knows:* Hindi, Urdu, Panjabi, Sanskrit & English; *Hobb*: Gardening; hiking, photography and writing; *Add*: 25, Ferozeshah Road, New Delhi-1.

MADIA, Chunilal Kalidas—Editor & publisher; *b* 12 August 1922 at Dhoraji; *Edn*: B. Com. in 1945 from Univ. of Bombay; *Resch Exp:* In folk-plays of India, folklore of Gujarat, origins of theatre in the East & West; *Pub:* Novels-Liludi Dharati, Vyajano Varas, Velavelani Chhayadi, Kumkum ane Ashka and 10 others; Plays-Rangada, Raktatilak, Vishavimochan, Hun Nemari Vahu; Criticism-Kathalok, Vartavimarsh, Granth Garima, Shahmrig-suvarnamrig etc.; *Honours*: Ranjitram Gold Medal, Narmad Gold Medal, Indian Official Delegate to International PEN Conference in Ivory Coast; *Exp:* Asstt. Editor, Janmabhoomi 1945-50; Currently Editor of Ruchi & Mg. Director of Ruchi Prakashan Pvt. Ltd.; *Mem:* PEN, National Academy of Letters, Film writers Association; *Genl:* Three of his novels used in films and now translated in many languages; *Knows*: English, Gujarati, Hindi & Marathi; *Visited:* USA & Ivory Coast; *Add*: B-213, Chandralok Manav Mandir Road, Malabar Hill, Bombay-6.

MAGDUM, Annasaheb Bhaurao—Principal, Azad College of Education, Satara since 1960; *b* 6 November 1922 at Samdoli in Dist. Sangli; *Edn*: M.Ed. in 1955 from Tilak College of Education, Poona; *Pub*: Books on Prathamik Adhyapak Ganit (Junior) and Prathamik Adhyapak Ganit (Senior); *Exp*: For 24 years teaching in the institutions managed by Rayat Shikshan Sanstha; *Mem*: State Board of Teacher Education; Chairman, Board of Studies in Education, Shivaji Univ.; life member, Rayat Shikshan Sanstha, Satara; *Knows*: Marathi, English & Hindi; *Hobb*: Social service; *Add*: Azad College of Educatin, Satara.

MAHABALE, (Dr.) Tryambak Shankar—Prof. & Head, Dept. of Botany, Poona Univ. since October 1953; *b* 19 October 1909 at Ahmednagar; *Edn*: M.Sc. (Bot) in 1935 from Fergusson College, Poona & Ph.D. in 1939 from Gujarat College, Ahmedabad; Post-doctorate research work in 1939 and 1945-46 at Botany Dept. of Lucknow Univ.; *Resch Exp:* For 35 years in the field of Bryophytes and Pteridophytes of Western India, living and fossil palms, Gondwana & Deccan Intertrappean Flora, mycorrhizic prothalli; *Pub*: About 75 research papers dealing with various vascular cryptogams of India, ferns and palms, the flora of Deccan etc.; *Exp*: Fergusson College, Poona; B. J. Medical School, Poona; Gujarat College, Ahmedabad; Institute of Science, Bombay; *Mem:* Vice-President, Indian Botanical Society, 1950; Vice-President, Paleobotany Section of 8th International Botanical Congress, Paris, 1954; President of Botany Section, Indian Science Congress, 1966; President, Palynological Society of India, 1966; Vice-President, Indian Biological Society, 1967; Member of F.N.I., F.N.A.Sc., F.B.S. etc.; *Knows*: Hindi, Marathi, Gujrati, English, French & Sanskrit; *Visited*: USA, UK, France, Germany, Belgium, Holland, Italy, USSR, UAR, Canada etc. for study, and research work; *Hobb*: Photography; *Add:* Dept. of Botany, Poona Univ., Poona.

MAHADEV, (Dr.) P.D.—Lecturer, Dept. of Geography, Univ. of Mysore since October 1964; *b* 16 August 1933 at Coimbatore; *Edn:* M.A. (Geog) in 1958 from Univ. of Madras & Ph.D. (Urban Geog) from Univ. of Mysore; *Resch Exp*: In Urban Geography and Regional Planning; *Pub*: Numerous papers published in geographical journals; *Honours*: First Prize in 1958 on an essay on 'Primitive Tribes of India and the factors influencing their distribution'; *Exp*: Alagappa College, Head of Dept. for 1 year; Karnatak Univ., Dharwar for 5 years; *Mem*: Deccan Geographical Society (Hyderabad), Indian Geographical Society, Indian Council of Geographers, Indian Science Congress; *Knows*: French, Marathi, Hindi, Tamil and Kannada; *Hobb*: Numismatics; *Add*: 25, Staff Quarters, Manasgangotri, Mysore-6.

MAHADEVAN, (Dr.) Telligyavaram Mahadevan Ponnambalam—Director, Centre of Advanced Study in Philosophy, Madras-5 since 1964; *b* 24 August 1911 at Madras; *Edn*: B.A. (Hons) in Philosophy in 1933 from Pachaiyappa's College, Madras; Ph.D. (The Philosophy of Advaita with special reference to Bharatitirtha-Vidyaranya) in 1937 from Univ. of Madras; *Pub*: Books on The Philosophy of Advaita, Out lines of Hinduism, The Upanishads, The Fundamentals of Logic, Whither Civilization and other Broadcast Talks, Gaudapada, Time & the Timeless, The Idea of God in Saiva Siddhanta, The Sambandavartika of Suresvaracarya, Ramana Maharisi & His Philosophy of Existence, The Ten Indian Saints, Self-Inquiry, Who Am I?, Homage to Sankara, Readings from Sankara, Self Knowledge of Sankaracharya, The Wisdom of Unity, translations of 6 books; joint author of A Critique of Difference, Melnattu Tattuva Varalaru; *Exp*: Lecturer, Raja's College, Pudukkottai 1935-37; Head, Dept. of Philosophy, Pachaippa's College, Madras 1937-43; Prof. & Head, Dept. of Philosophy of Univ. of Madras since 1943; *Mem*: Genl. Secy. of Indian Philosophical Congress (1943-46), Sectional President 1950, General President in 1955; Secy., Union for the Study of Great Religions of India 1956; President of Akhil Bharta Darsana Parishad 1961; Conferred the title of Vedanta-Vittakar; Member of American Philosophical Association; Awarded Padmabhushan by President of India in 1967; delivered several memorial lectures; Visiting Prof. at Cornell Univ. 1948-49 and visited other universities; Attended 2nd East-West Philosophers Conference held at Hawaii in 1949; *Visited*: Pakistan 1959, Austria 1962, Ceylon 1963, W. Germany 1963, Athens 1966 to attend Philosophical Congresses and deliver lectures in universities; *Add*: Upnaidhad Vihar, 70 Venkatesapuram, Ayanavaram, Madras-23.

MAHAJAN, (Dr.) C. L.—Dept. of Zoology, Univ. of Rajasthan since 1962; *b* 3 April 1933 at Quetta in Baluchistan; *Edn*: M.Sc. (Zool) in 1954 from Delhi Univ. & Ph.D. in 1964 from Agra Univ.; *Resch Exp*: For over 10 years in fish biology; *Pub*: Several papers; *Exp*: Univ. of Rangoon 1954-59; D.A.V. College, Muzaffarnagar 1959-62; *Mem*: American Society of Ichthyologists & Herpetologists, Natural History Society (Bombay), Indian Science Congress; *Knows*: English, Hindi & Urdu; *Visited*: Burma during 1954-59; *Hobb*: Photography; *Add*: B4A/26, Rana Pratap Bagh, Delhi-7.

MAHAJAN, Gorakh Hulaji—Principal, Smt. P.D.M. Arts & Commerce College, Shirpur since 1963; *b* 6 July 1923 at Taloda in Dist. Dhulia; *Edn*: M.A. (Hist) in 1948 from Nagpur Univ. & M.A. (Pol Sc.) in 1954 with 2nd class first from Poona Univ.; *Pub*: Book on Outline of Ancient Indian History & Culture, A Short History of the World (in 2 Volumes), Modern World, Civics & Indian Administration booklets on Future of Indian Democracy, White Paper on the Reforms of Education in Maharashtra etc.; *Exp*: Headmaster, K.D. High School, Taloda for 4 years; Chhatrapati Shivaji College, Satara for 9 years; S.G.M. College, Karad for 1½ years; Hislop College, Nagpur 1/2 year and Janata Mahavidylaya, Chanda for 4 years; *Mem*: Univ. Court, Academic Council, Faculty of Arts, Board of Studies of Poona & Nagpur Univ.; President, Adhyapak Shikshan Mandal, Dhulia; President, N. Satara Dist. Rashtrabhasha Parachar Samiti; *Knows*: Marathi, Hindi, Gujarati & English; *Hobb*: Social service, journalism etc.; *Add*: S.P.D.M. Arts & S.B.B. & H.D. Commerce College, Shirpur, Dhulia.

MAHAJAN, Madhav Gangadhar—Principal, Nowrosjee Wadia College, Poona-1 since April 1965; *b* 18 May 1911 in East Khandesh; *Edn*: M.Sc. (Maths) in 1937 from N. Wadia College, Poona-1; *Pub*: First Course in Physics, Second Course in Physics; *Exp*: Teaching for past 30 years; D.G. Ruparel College, Bombay; *Knows*: Marathi & English; *Add*: N. Wadia College, Poona-1.

MAHAJAN, Yadav Shivram—Principal, M.J. College, Jalgaon since June 1949; *b* 22 November 1911 at Hingone in Dist. Jalgaon, *Edn*: B.Sc. (Econ) in 1935 from London School of Economics, Bar-at-Law in 1934; *Pub*: Books on Industrialization of Karnatak, Introduction to Economics (in Marathi) besides articles in Indian Economic Journal; *Exp*: Lingraj College, Belgaum; Baroda College; J.G. College of Commerce, Hubli; M.J. College, Jalgaon; *Knows*: Marathi, English & Hindi; *Add*: M.J. College, Jalgaon.

MAHALANOBIS, (Dr.) Prasanta Chandra—Director, Indian Statistical Institute, Calcutta; *b* 29 June 1893 at Calcutta; *Edn:* Cambridge Univ., Math. Tripos in 1914, Natural Science Tripos Part II (Physics) in 1915; Senior Research Scholar, King's College 1915; M.A. (Cantab) 1915; Hon. D.Sc. (Calcutta Univ) 1957; Hon. Deshikottama (Visva Bharati) in 1961; Hon. D.Sc. (Sofia Univ) in 1961; *Pub:* About 200 papers in Indian and foreign journals ; *Mem*: Royal Society of London, Pakistan Statistical Association, Institute of Statistical Research (Madrid), Royal Statistical Society of London, Hony. President of International Statistical Institute (1957), Foreign Member of USSR Academy of Sciences, American Statistical Association, World Academy of Art & Science; Member, U.N. Statistical Commission (since 1946, Chairman 1954-58, Vice-Chairman 1947); Chairman, UN Sub-Commission on Statistical Sampling 1947-51; Fellow, International Econometric Society; Vice-President, International Biometric Society 1947; Indian Science Congress (General President 1950, Anth. President 1925, Maths. President 1942, Geny. Secy. 1945-48, Treasurer 1952-55); National Institute of Sciences of India and its President 1957-58; Fellow, Indian Academy of Sciences, National Academy of Sciences of India; Chairman, ECAFE Conference of Statisticians, Bangkok 1952; President, Pakistan Statistical Conference 1956; Leader of Indian Delegation to World Statistical Congress, Washington 1957; World Population Conference, Rome 1954; Biennial Sessions of the International Statistical Institute, Berne 1949, India 1951, Rome 1953, Rio De Janeiro 1955, Stockholm 1957, Brussels 1958, Tokyo 1960, Paris 1961; attended just countless international meetings in the past decade; lectured at Seminars in Australia, Austria, Belgium, Brazil, Bulgaria, Burma, Canada, China, Czechoslovakia, Denmark, Egypt, France, Germany, Greece, Hungary, Italy, Japan, Netherlands, Norway, Pakistan, Poland, Rumania, Spain, Sweden. Switzerland, Thailand, Turkey, UK, USSR, USA & Yugoslavia; *Exp*: Presidency College, Calcutta 1915-48; Statistical Advisor to Govt. of Bengal 1945-48; Statistical Advisor to Central Govt. Cabinet of India since 1949; Member, Planning Commission Govt. of India since 1955; Secy. & Director of I.S.I., Calcutta since 1931; *Add*: I.S.I., 203, Barrackpore Trunk Road, Calcutta-35.

MAHANTA, Dibakardas—Principal, Govt. Teachers Training College, Malda since August 1965; *b* 1 April 1919 at P.O. Narrah in Dist. Bankura; *Edn*: M.A. (Edn) in 1951 with first class first and winning Gold Medal from Calcutta Univ., A.I.E. in 1957 from London Univ. Institute of Education; *Resch Exp*: On 'Test of General educability and higher secondary education in relation to the main problem of allocation pupils in secondary education'; *Pub*: Books on 'Allocation of Pupils in Secondary Education' & 'The Cumulative Record' besides papers on education and psychometry; *Exp*: David Hare Training College, Calcutta; Bureau of Educational & Psychological Research, Calcutta; Dept. of Education, Calcutta Univ.; *Mem*: Formerly of Indian Science Congress, Council of Social Psychological Resarch, Calcutta; *Knows*: Bengali, English & Sanskrit; *Visited*: UK; *Add*: Govt. Teachers Training College, Malda.

MAHANTA, Janaki Ram—Principal, Deogarh College, Deogarh since July 1967; *b* 15 June 1940 at Adipur in Dist. Mayurbhanj; *Edn*: M.A. (Economics) in 1967 from Ravenshaw College, Cuttack; *Exp*: Teaching for past 5 years at Deogarh College, Deogarh; *Knows*: English, Oriya, Hindi & Bengali; *Hobb*: Reading, periodicals and books; *Sports*: A good player of football; *Add:* Deogarh College, Deogarh.

MAHAPATRA, Brajabandhu—Principal, Univ. College of Engg., Burla since February 1962; *b* 9 September 1919 at Nimapada in Dist. Puri; *Edn:* M. Sc. (Mech. Engg) in 1947 form Univ. of Toronto; *Resch Exp*: For 2 years; *Pub* : Papers on The Hydrogen engine and the Nuclear theory of Ignition, The prevention of Pre-ignition and detonation in gas engines; *Exp:* Asstt. Mech. Engineer, Orissa P.W.D. for 1 year; Senior Lecturer & Workshop Supdt., Orissa School of Engg., Cuttack for 5 years; Asstt. Supdt. of A.S P. Ltd., for 3 years; *Mem*: Institution of Engineers (India), Member of Senate, Syndicate & Academic Council of Sambalpur Univ.; *Knows*: Oriya, Hindi, Telugu and English; *Visited:* Canada for Ph.D.; *Hobb:* Cooking and gardening; *Add*: Ramchandrapur Sason, P.O. Nimapara, Dist. Puri.

MAHAPATRA, (Dr.) Lakshman Kumar—Prof. & Head, Dept. of Anthropology, Utkal Univ. since 1966; *b* 29 October 1929 at Raj Nilgiri in Dist. Balasore; *Edn:* M.A. (Anthropology) in 1952 with first class, 2nd in Calcutta Univ.; Dr. Phil. (Sociology) in 1960 from Hamburg Univ.; *Resch Exp:* In Nefa, Bihar, UP, Orissa, Mysore States etc.; *Pub:* Shifting Cultivation in Orissa, Raj Mohini Devi—A Social Reformer in East Central India besides books on A Hill Bhuiyan Village, Patterns & Problems of Welfare Activities in Hubli. Dharwar; *Exp:* Orissa Tribal Research Bureau 1953-54; NEFA Research Division 1956; Lucknow Univ.; Meerut Univ.; Gauhati Univ.; Karnatak Univ.; *Mem:* Assoct. of Current Anthropology (USA), Member of Indian Sociological Society, American Humanist Association etc.; *Visited*: W. Germany, France, Sweden & Yugoslavia; *Knows*: English, Hindi, Oriya, German, Bengali & Assamese; *Add*: Dept. of Anth., Utkal Univ., Bhubaneswar.

MAHARANA, Damodar—Asstt. Prof. in Horticulture, Utkal Krushi Mahavidyalaya since August 1962; *b* 12 August 1932 at Bindanima in Dist. Cuttack; *Edn:* M Sc. (Ag) in 1960 from B.R. College, Agra; *Resch Exp*: For 10 years; *Pub*: On effects of plant regulators and their methods of application on parthenocarpy in water melon etc.; *Exp*: Dept. of Agriculture, Govt. of Orissa, 1955-57; Research Asstt. 1951-62; *Mem:* Indian Horticulture Association and board of editors of several journals; *Knows:* English, Oriya & Hindi; *Add*: Vill. & P.O. Bindanima in Dist. Cuttack.

MAHESH CHAND—Reader in Economics, Allahabad Univ.; *b* 19 November 1918 at Allahabad; *Edn*: M.A. (Econ) in 1939 with first class first from Allahabad Univ.; *Resch Exp:* Directed Socio-Economic survey of Allahabad City; guiding several D. Phil. students and many obtained their degrees; *Pub*: Books on Elements of Statistics & Probability, Time Series Analysis, Elasticity in Economics, Mathematics in Economics, Economic Problems in Indian Agriculture, Co-operation in East & the West, Co-operation in China & Japan, Industrial Organisation in India; *Honours*: Always obtaining ranks in all exams.; *Exp*: Lucknow Univ. for 1956-58; joined Allahabad Univ. in 1942; *Mem:* Planning Commission of India, Govt. delegate to Conference of International Agrl. Economists 1958, member of Scientific & Technical Terminology Commission, Indian Statistics Institute, Indian Economic Association, Indian Society for Agrl. Statistics, American Statistics Association; *Knows:* Hindi & English; *Add*: 378/163 Mumfordganj, Allahabad.

MAHESHWARI, (Dr.) Hazarilal—Principal, Institute of Oriental Philosophy, Vrindaban since 1965; *b* 1 January 1921 at Hasanpur in Dist. Gurgaon; *Edn:* M.A. (Phil) in 1945 with first class first from BHU; Ph.D. in 1958 (The Philosophy of Swami Rama Tirtha) from Agra Univ.; *Pub*: Books on Ethics in the Gita, Integral Living, The Yoga of Sri Aurobindo, Educational Ideals, Philosophy of Swami Ramatirtha, Shri Krishan, Leisure: How to Enjoy it, Gita-Yoga, Vivekananda and several other books besides numerous articles; *Exp*: H D. Jain College, Arrah; K.G.K. College Moradabad; K.R. College, Mathura; *Mem*: Board of Studies & Academic Council of Agra Univ.; Indian Philosophical Congress, Akhil Bharatiya Darshan Parishad, Theosophical Society, Sri Aurobindo Society; *Knows:* Hindi, English, Sanskrit & Urdu; *Hobb*: Gardening & Tourism; *Add:* Institute of Oriental Philosophy, Vrindaban.

MAHESHWARI, (Dr.) Shri Ram—Reader in Public Administration, I S.P.A., New Delhi since 1966; *b* 27 November 1931 at Kanpur; *Edn:* M A. (Pol Sc.) in 1955 from Agra Univ., Ph.D. in 1965 from Univ. of Delhi & M.G.A. (Pub Admn) in 1964 from Univ. of Pennsylvania, USA; *Resch Exp*: For past about 10 years; *Pub:* Books on The General Election in India, Public Administration, Indian Administration besides papers on Zonal Councils, Advisory Cttees to Central Govt., Retired Govt. Officials in India etc.; *Exp:* Agra College. Agra 1955-62; St. Stephen's College, Delhi 1962; Univ. of Rajasthan 1965; Chief Officer, Dept. of Administrative Reforms, Ministry of Home Affairs 1966-68; *Mem*: Indian Institute of Public Administration; *Knows*: Hindi & English; *Visited:* USA; *Add*: Indian School of Public Administration, Indraprastha Estate, New Delhi-1.

MAHULKAR, Dinesh Dattatreya—Head, Dept. of Linguistics, M.S. Univ. of Baroda since 1963; *b* 15 October 1921 at Baroda; *Edn:* M.A. (English) in 1945 from Bombay Univ. & Dip. in Linguistics in 1960 from Edinburgh Univ., UK; *Resch Exp:* Guide for Ph.D. in Linguistics; *Pub*: A Groundwork of Modern Logic, A Harvest of Prose, A Prism of English etc.; *Exp:* Joined Baroda Univ. in 1945 and held different positions; *Mem*: Executive Cttee of Linguistic Society of India, Ad Hoc Cttee of Linguistics (Bombay Univ.); *Knows:* Marathi, Gujarati, Hindi, English & French; *Visited:* UK; *Hobb*: Gardening; *Add*: Dept. of Linguistics, Baroda Univ., Baroda.

MAINDRA, (Dr) Ved Prakash—Asstt. Prof. of Maths., B I.T.S., Pilani since February 1965; *b* 10 May 1930 at Lakhimpur Kheri in Dist Kheri; *Edn:* M Sc. (Maths) in 1951 from BHU & Ph.D. (Self-reciprocal function involving infinite series) in 1958 from Lucknow Univ.; *Resch Exp:* For 17 years; *Pub*: About 80 articles mostly on operational calculus, Laplace transform, operational images of infinite series etc.; *Exp:* Colvin Taluqdar College, Lucknow 1953-54; Lucknow Christian College, Lucknow 1954-59; Visiting Prof. at M.I T., USA since September 1968; *Knows*: Hindi, Urdu, Punjabi & English; *Visited*: USA during 1965; *Add*: Dept. of Maths., B.I.T.S., Pilani.

MAINKAR, (Dr.) Trimbak Govind—Principal, Fergusson College, Poona since 1964; *b* 15 March 1915 at Malegaon in Dist Nasik; *Edn:* M.A. (Sanskrit) in 1937 winning V.N. Mandlik Prize, M.A. (Marathi) in 1942 & Ph.D. (Sanskrit) in 1943, D. Litt. in 1961; *Resch Exp*: Guiding research students since 1947; *Pub:* Books on The Yoga Vasistha, The Gita Bhashya Prakasha, The Sankhya Karikas of Ishwarkrishana, Mysticism in the Rigveda, Kalidas: His Art & Thought, Poetical Aspects of Rigvedic Repetitions, The Sandhis and the Sandhyangas in Bharata's Natya Shastra; *Exp:* Willingdon College, Sangli 1940-47; joined Fergusson College, Poona in 1957; *Mem*: Dean, Faculty of Arts; Member, Board of Studies, Academic Council, Executive Council of Poona Univ.; member, Board of Sanskrit in Poona, Shivaji, Kolhapur, Marathwada and Nagpur Univ.; *Knows*: Marathi, Hindi, French & German; *Hobb*: Tennis & badminton; *Add*: Fergusson College, Poona. 4.

MAITRA, (Dr.) Ashok—Assoct. Prof. & Head, International Statistical Education Centre, Calcutta since 1965; *b* 5 May 1938 at Calcutta; *Edn:* M.Sc. in 1959 with first class first from Bombay Univ. & Ph.D. in 1963 from Univ. of California, USA; *Resch Exp:* Sufficient statistics, dynamic programming, gambling theory, Markov Processes, Ergodic theory, Analytic sets etc.; *Pub*: Five papers; *Exp*: Univ. of California, 1962-63; Univ. of Copenhagen 1963-64, Mathematisch Centrum (Holland) 1964-65; *Knows*: Russian, Swedish, Bengali & English; *Visited:* USA, Denmark & Holland; *Hobb*: Literature reading; *Add*: International Statistical Education Centre, I.S.I., 203, Barrackpore Trunk Road, Calcutta-35.

MAITRA, Sudhangsu Sundar—Principal, A. C. Training College, Jalpaiguri since 1958; *b* 1913 at Contai in Dist. Midnapur; *Edn:* M.Sc. (Chem) in 1935 from Calcutta Univ., B.T. in 1938 from David Hare Training College, Calcutta; *Resch Exp*: In organic Chemistry; *Pub:* Padartha Vidya (the first scientific school text book in Bengali), edited a cultural weekly at Calcutta for 3 years; *Exp*: Prof. of Chem., Scottish Church College, Calcutta for 10 years; *Mem:* Board of Studies, Academic Council of N. Bengal Univ.; *Genl*: Interested to develop moral aspects of education; *Knows*: Hindi, Oriya, Bengali, English & Sanskrit; *Hobb*: Social work; *Add:* A. C. Training College, Jalpaiguri.

MAJUMDAR, (Dr.) Anil Kumar—Prof. & Head, Dept. of Chemistry & Dean, Faculty of Science, Jadavpur Univ., since 1965; *b* 4 December 1910 at Calcutta; *Edn:* M.Sc. (Inorg Chem) in 1934 & D.Sc. in 1947 from Calcutta Univ.; *Resch Exp*: For 35 years particularly in co-ordination chemistry; *Pub*: Over 150 original full papers on Analytical and Inorganic Chemistry (preparative & Structural) *Exp:* Bengal Chemical & Pharmaceutical Works Ltd.; St. Xavier's College, Calcutta; Rangoon Univ., Burma; City College, Calcutta; Geological Survey of India, Calcutta; College of Engg. & Techy., Calcutta; S.R.B. Ghosh Travelling Fellow; Principal, College of Science, Jadavpur Univ. and held different positions in Jadavpur Univ.; *Mem:* Indian Chemical Society, Indian Science Congress etc.; *Genl*:

Invited to deliver lecture on the separation of niobium and tantalum at XVIIIth International Congress of Pure & Appl. Chemistry at Montreal in 1961; *Knows:* English & Bengali; *Visited*: UK, France, Germany, Switzerland & Canada; *Add:* Dept. of Chem., Jadavpur Univ., Calcutta-32.

MAJUMDAR, (Dr.) Asoke Kumar—Director, Bharatiya Vidya Bhavan's Mungalal Goenka Institute of P.G. Studies & Research, Bombay since 1964; *b* 16 January 1916 at Calcutta; *Edn:* M.A. (Hist) in 1939 from Dacca Univ. & D. Phil. (Hist) in 1954 from Calcutta Univ.; *Resch Exp:* For 20 years; *Pub:* Books on Chaulukyas of Gujarat, Advent of Independence, Bhakti Renaissance, Problem of Hindi—A Study, Editor-in-Charge of Constituent Assembly Documents; *Exp:* Bombay Univ.; *Mem* Indian Historical Records Commission; *Knows:* Bengali, Sanskrit, Urdu, Hindi, English & French; *Visited*: UK; *Add:* Bhartiya Vidya Bhavan's M.G. Institute of P.G. Studies & Research, Bombay-7.

MAJUMDAR, (Dr.) Birendra Nath—Prof. of Animal Nutrition, College of Animal Sciences, I.V.R.I. Izatnagar since 1960; *b* 1 March 1909 at Dacca; *Edn*: M.Sc. (Org Chem) in 1933 standing 2nd in Univ. of Lucknow, M.Sc. (German) in 1943 & Ph.D. (Biochemistry & Animal Nutrition) in 1945 from Bombay Univ.; *Pub*: More than 50 original research papers; some chapters and works included in scientific books; *Exp*: All India Institute of Hygiene & Public Health, Calcutta 1934-47; I. V. R. I., Izatnagar 1940-60; *Mem*: New York Academy of Sciences; *Knows*: Hindi, Bengali, English & German; *Hobb*: Chess and gardening; *Add*: c/o Dr. P. Bhattacharya, C-II 92, Motibagh, New Delhi-23.

MAJUMDAR, (Dr.) Dhirendra Nath—Reader in Pharm. Chemistry, BHU since 1934; *b* 19 August 1906 at Vill. Ghandia in Dist. Rongpur; *Edn*: M.Sc. (Chem) in 1929 from Central Hindu College, Varanasi; A.I. I.Sc. (Org. Chem) in 1933 from Indian Institute of Science, Bangalore; Ph.D. (Pharm Chem) in 1952 from College of Technology, BHU; *Pub*: About 40 research papers on plant chemistry, synthetic drugs, advanced organic chemistry etc.; *Exp*: Bengal Immunity Co. Ltd., Calcutta 1933-34; *Mem*: Life member, Jt. Secy. 1935-42, Hony.Secy. 1942-52, Vice President & Treasurer of Indian Pharmaceutical Association; Member of several Univ. bodies; *Genl*: Originated the Research Section of Bengal Immunity Co., which is now working as Bengal Immunity Research Institute; *Add:* Dept. of Pharm. Chemistry, BHU, Varanasi.

MAJUMDAR, (Dr.) Saroj Kanti—Reader in Food Techy. & Biochemical Engg., Jadavpur Univ. since 1965; *b* 1 February 1928 at Noakhali in E. Pakistan; *Edn*: M.Sc. (App. Chem) in 1950, D.Sc. (Microbiology) in 1960 from Calcutta Univ.; *Resch Exp*: For 18 years on various problems; *Pub*: About 40 papers; *Exp*: Research Fellow, C.S.I.R. 1953-60; Calcutta Univ. 1959-65: *Mem*: Association of American Microbiologists, Association of Food Technologists, Indian Science Congress; *Knows*: English, Bengali & Hindi; *Visited:* USA & UK for further education; *Hobb*: Gardening; *Add*: 47A, Maharaja Tagore Road, Calcutta-31.

MALAIYA, Khushal Chand—Asstt. Prof., Govt. College of Education, Jabalpur since 1967; *b* 1 July 1923 at Khurai in Dist. Sagar; *Edn*: M.Ed. in 1953 from Prantiya Sikshan Mahavidyalaya; *Resch Exp*: Thesis for Ph D. on 'Secondary School Finance' submitted; *Pub*: Books on Prachin tatha Naveen SikshaVidhiyan, Bunyadi Siksha ke Sidhant, Bunyadi Shiksha Sidhant, Bunyadi Sikshalaya Sangthan, Shiksha Sangthan, Tulnatmak Siksha, Manovigyan aur Shiksha, Manav Samaj etc.; *Honours*: Cash Award of Rs. 500/- and Rs. 600/- by the U.P. Govt.; *Exp*: Prantiya Sikshan Mahavidyalaya, Jabalpur1956-57; Govt. P.G. Basic Training College, Jabalpur 1957-60, Raipur 1960-62, Sagar 1962-64 and Ujjain 1964-65; Govt. College of Education, Rewa 1965-67; *Sports*: Captain of Hockey eleven at several institutions; *Knows*: Hindi, English & Marathi; *Add:* Kamla Nehru Nagar, Garha Road, Jabalpur.

MALAVIYA, Ram Kubir—Prof. & Head, Sahitya Dept., Varanaseya Sanskrit Vishvavidyalaya, Varanasi since 1963; *b* 9 January 1906 at Post Kara in Dist. Allahabad; *Edn:* Shastra Acharya, Sahitya & Vyakaran in 1926 & 1931 respectively, M.A. (Sanskrit) in 1942; *Pub* : Books on Malaviya Mahakavyam, Dhwanyalok, Vikramankdevcharitasya, Sanskritvyakhya, Tirthyatraprahasnam, Chaitanaymkardhwaj prahasnam etc.; *Exp :* Asstt. Prof. of Sanskrit, Sanskrit College, Banaras 1932-59; Head Sahitya Dept. in BHU in 1959; *Knows*: Sanskrit, Hindi, English; *Visited :* Nepal; *Hobb :* Composing poetry; *Add*: Malviyangnam, Lanka, Varanasi.

MALL, (Dr.) Lallan Prasad—Head, School of Studies in Botany, Vikram Univ. since 1961; *b* 30 July 1920 at Lakhnaur in Dist. Azamgarh; *Edn*: M.Sc. (Bot) in 1945 from Lucknow Univ. & Ph.D. (Plant Ecology) in 1955 from Univ. of Sagar; *Pub*: Translated a book into Hindi; published numerous papers; *Exp:* Birla College, Pilani; Univ. of Saugar; *Mem*: Indian Botanical Society, British Ecological Society, International Society of Tropical Ecology. National Academy of Science, Indian Science Congress; *Knows*: English & Hindi; *Hobb*: Badminton and hockey; *Add*: Dept. of Botany, Vikram Univ., Ujjain.

MALI, Sadashiv Shankar—Principal, Arts & Commerce College, Dhulia since July 1967; *b* 21 March 1932 at Kapadana in Dist. Dhulia; *Edn*: M.A. (Marathi) in 1957 from Poona Univ.; *Pub* Edited-Maharashtra Geetganga, Ishara, Marathi Ase Amuchi Maiboli, Phulmal, besides several poems and essays; *Honours*: Awarded Cash prizes of Lagu, Sathe, Kelkar & Chiplunkar; *Exp*: Started at S.S.V.P.S. Arts & M.F. M.A. Commerce College, Dhulia; *Knows*: Marathi, Hindi & English; *Add*: Arts & Commerce College, Dhulia.

MALIK, (Dr.) Wahid Uddin—Prof. & Head, Dept. of Chemistry, Univ. of Roorkee since 1963; *b* 16 April 1922 at Agra; *Edn:* M.Sc. (Chem) in 1943 & Ph.D. in 1947 from Agra Univ., D.Sc. in 1960 from Aligarh Univ.; *Resch Exp*: For over 20 years; *Pub:* More than 150 papers in journals of India and abroad; *Exp*: Lecturer, Agra 1943-44 and 1946-47; Lecturer 1947-54 and Reader 1954-63 at AMU; *Mem*: Indian Chemical Society, Royal Institute of Chemistry (London), National Academy of Sciences of India, Electrochemical Society of India; *Knows:* Urdu, Hindi & English; *Hobb:* Gardening; *Add:* Dept. of Chemistry, Roorkee Univ., Roorkee.

MALLICK, (Dr.) Amal Kumar—Senior Research Fellow of U.G.C. in Psychology, Calcutta Univ. since 1968; *b* 1 October 1935 at Hooghly in W. Bengal; *Edn*: M.Sc. (Psy) in 1958, Dip. in Journalism in 1957 & D. Phil. (Psy) in 1965 from Calcutta Univ.; *Resch Exp:* In techniques of Propaganda-value, some psychological factors as determinants of opinion regarding the national planning; *Pub.* Over 30 papers in Indian & foreign journals; *Exp*: Research Scholar of Ministry of Education, New Delhi for 3 years; Research Fellow of National Institute of Community Development for 2 years; Applied Psychologist, Hospital for Crippled Children, Calcutta for some time; *Mem:* Indian Science Congress. Indian Psycho-analytical Society; Secy. of Indian Psychological Association, Genl. Secy. of Calcutta Univ. Psychology Alumni Association; *Knows:* Bengali. English, Oriya, Hindi, Sanskrit & German; *Hobb:* Journalism & photography; *Add*: c/o. Prof. Durgadas Mallick, Mallick Bati, Ghutia Bazar, Hooghly, W.B.

MALSHE, (Dr.) Sakharam Gangadhar—Director & Secretary, Marathi P.G. Research Institute, Bombay-14 since January 1967, *b* 24 September 1921 at Gangrai in Dist. Ratnagiri; *Edn*: M.A. (Marathi) in 1949 with first class first winning N.C. Kelkar Gold Medal from Siddharth College, Bombay & Ph.D. (Marathi) in 1961 from Marathi P.G. Research Institute, Bombay; *Resch Exp*: Guide for Ph.D. students; *Pub*: Books on Avad Nivad, Marathi Gadyacha Vikas, Father Stephens and Tyache Christa Purana, Deccan Education Society's History, Mestaka, Keshavsuta's Manuscripts etc ; *Exp:* Siddharth College, Bombay 1950-56; Kirti College, Bombay-12 1956-66; *Mem:* Mumbai Marathi Granth Sangrahalaya, Maharashtra Sahitya Parishad, Mumbai Marathi Sahitya Sangha; Senate & Academic Council of Bombay Univ.; *Knows*: Marathi English & Hindi; *Hobb*: Dramatics; *Add:* 3, Manali, College Street, Agar Bazaar, Bombay-28.

MANCHANDA, (Dr.) Sohan Singh—Head, Dept. of Paediatrics, Medical College, Amritsar since April 1955; *b* 2 April 1915 at Amritsar; *Edn*: M D. in 1949 from Panjab Univ., M.R.C.P. in 1953 from Edinburgh & D.C.H. in 1954 from London Univ.; *Resch Exp*: For 25 years; *Pub:* Over 105 papers; *Exp*: K.E. Medical College, Lahore 1943-47; joined Medical College, Amritsar 1947; *Mem:* Indian Academy of Paediatrics (President-1967), Indian Medical Association (President 1966-68), British Medical Association, Association of Physicians of India, President, Indian Medical Association, Amritsar Branch 1966; Indian; Council of Child Welfare; Fellow of Royal College of Edinburgh, Indian Academy of Medical Sciences; *Knows*: English, Urdu, Panjabi & Hindi; *Visited*: Italy, Germany, France, Belgium, Denmark, Egypt, Iran, Afghanistan & Pakistan, UK, Thailand. Sweden, Singapore to attend conferences; *Hobb*: Reading, hiking and photography; *Add*: Doctor's Avenue, Circular Road, Amritsar.

MANDE, (Dr.) Chintamani—Prof. & Head, Dept. of Physics, Nagpur Univ. since August 1967; *b* 28 October 1925 at Nagpur; *Edn:* M.Sc. in 1947 from BHU, D.Phil. in 1952 from Allahabad Univ. & D.Sc. in 1958 from Paris Univ.; *Resch Exp*: For 20 years; *Pub*: About 50 research papers in Indian and foreign journals; *Exp:* St. Andrew's College, Gorakhpur; Allahabad Univ.; Balwant Rajput College, Agra; Paris Univ.; Atomic Energy Establishment, Trombay; Poona Univ.; *Mem*: Indian Science Congress, Spectroscopy Convention of India; *Knows*: Hindi, Marathi, English & French; *Visited*: France, UK, Holland, Belgium, Switzerland, Austria, Spain, Italy, Egypt, East Germany & W. Germany; *Hobb:* Painting; *Add*: Dept. of Physics, Nagpur Univ., Nagpur.

MANGI, (Dr.) Sudarshanlal—Principal, College of Dentistry, Indore since April 1965; *b* 10 July 1926 at Lahore; *Edn*: M.S.D. (Operative Dentistry) in 1957 from Indiana Univ., USA; *Resch Exp:* For 16 years; *Pub*: On Antibacterial action of certain flourides, silicate cement; Cleiodocramial dysostosis with special reference to teeth. trigeminal neuralgia, periodontial diseases, epidimiology of leukoplakia etc.; *Exp*: M.G.M. Medical College, Indore; *Mem*: Dental Council of India, Indian Dental Association, Indian Standards Institution besides various Univ. bodies; *Knows*: English, Hindi & Urdu; *Visited*: USA; *Add*: College of Dentistry, Indore.

MANGUDKAR, (Dr.) Manik Padmanna—Principal, Shri Shahu Mandir Mahavidyalaya, Poona since 1960 ; *b* 17 December 1929 at Osmanabad; *Edn*: M.A. (Econ) in 1951 from Univ. of Poona; Ph.D.; *Pub*: Four books in Marathi and one on 'A Second Look at Indian Democracy'; *Exp*: Fergusson College, Poona 1951-54; N. Wadia College, Poona 1954-60; *Knows*: Marathi & English; *Add:* S. S. Mandir Mahavidyalaya, Poona-9.

MANKAD, (Dr.) Bhaskerrai Navalshanker—Reader in Chemistry, S.P. Univ. since October 1958; *b* 3 February 1913 at Kalawad in Dist. Jamnagar; *Edn;* Ph.D. (Chem) in 1941 from Univ. of Bombay; *Resch Exp:* For 26 years; *Pub:* About 25 papers and books on Rasayanshastra, Khand ni Katha, Nutan Samanya Vignyan, College Rasayan, Vignyan Adyapan nun Udgam Pustak, Rasayan—Ake Prayogatmak Vignyan etc.; *Exp:* Baroda College, Baroda 1935-47; Vithalbhai Patel Mahavidyalaya 1947-58; *Mem:* Indian Chemical Society, Indian Science Congress; *Knows*: Gujarati, English, Hindi & German; *Hobb:* Gardening and writing; *Add*: C/5, Univ. Staff Qrs., Vallabh Vidyanagar.

MANKANI, Lekhu B.—Prof. in Mech. Engg., Regional Engg. College, Kurukshetra since October 1965; *b* 20 October 1930; *Edn*: P.G. Dip. in Mech. Engg. in 1959 from Univ. of Roorkee & M.S. in 1960 from Univ. of Illinois, USA; *Resch Exp*: For 3 years; *Pub*: Several papers on subjects like Development of Strain (Foil) gauges for use at elevated temperatures, machine drawing manual, problems on design of machine elements etc.; *Exp*: Univ. of Roorkee; B.I.T.S. Ranchi; Delhi Polytechnic, C.P.W.D., Bombay Grid Dept.; *Knows*: Hindi, English, Sindhi & Urdu; *Visited*: USA 1959-60 for higher studies; *Hobb*: Music and yoga; *Add*: B-54, New Rajinder Nagar, New Delhi-5.

MANSA RAM, (Dr.)—Scientist, Regional Research Laboratory, Jammu Tawi, J&K since 1963; *b* 15 June at Hoshiarpur; *Edn*: M.Sc. (Chem) in 1938 & Ph D. (Chem) in 1959 from Panjab Univ.; *Resch Exp*: For past 30 years in Applied microbiology, protein chemistry, organic chemistry & applied chemistry; *Pub*: About 20 research publications; *Exp*: Univ. Chemical Lab., Lahore 1939-42; Delhi Univ. 1944-47; C.S.I.R. 1947-49; Research Worker in National Chemical Laboratory, Poona 1949-63; *Mem*: Northern India Science Association; *Knows*: English, Hindi, Urdu & German; *Visited*: East Germany; *Hobb*: Drawing & painting; *Add*: Regional Research Laboratory, Jammu Tawi.

MANSINGH, Jit Ranjit—Principal, Govt. Polytechnic, Kanpur since 1962; *b* 17 April 1917 at Fatehpur in U.P.; *Edn*: D.F.H. in Elect. Engg. in 1943 from Faraday House Elect. Engg. College, London; *Exp*: Worked with M/s Plenty & Sons, Marine Engineers, Newbury, UK & M/s Brush Electrical Engg. Co. Ltd., Loughborough, UK; joined the Technical Education Dept. of U.P. in 1955 and was Principal of Govt. Polytechnic, Jaunpur 1955-62; *Genl*: Worked as Officiating General Foreman of Tata Iron & Steel Co. Ltd., Jamshedpur 1944-45; ran a Private Limited Co., manufacturing cycle parts during 1945-55; *Hobb*: Shooting; *Add*: Govt. Polytechnic, Kanpur.

MANSINHA, (Dr.) Mayadhar—Writer & Educationist; *b* 13 November 1906 at Nandala in Dist. Puri; *Edn*: M.A. (English) from Patna Univ. & Ph.D. (Comparative Study of Kalidas & Shakespeare) from Durham Univ.; *Pub*: Books on Kalidas & Shakespeare, Dreams in Education, History of Oriya literature, The Saga of an Educationist, The School and the School Teacher, Kothari Commission & Educational Planning, Student Problem in Post-independence India; *Honours*: Padma Shri by Govt. of India; *Exp*: G.M. College, Sambalpur for 7 years; Inspector of Schools, Orissa; *Mem*: National Sahitya Academy, Utkal Univ. Senate and Academic Council; *Knows*: Oriya, English, Bengali & Sanskrit; *Visited*: UK 1937-39 for research; *Add*: Mansinha Lane, Cuttack-1.

MARDIKAR, (Dr.) Krishnaji Sheshadri—Principal, Dayanand College of Education, Sholapur since June 1955; *b* 1 March 1921 at Sholapur; *Edn*: M.A. (Marathi) in 1946 from Dayanand College, Sholapur; M.Ed. in 1954 from Tilak College of Education, Poona & Ph.D. (Marathi) in 1954 from Univ. of Poona; *Exp*: Started at Dayanand College, Sholapur; *Mem*: Marathi Sahitya Parishad, Extension Service Centre (Sholapur); *Knows*: Marathi, Hindi, English & Sanskrit; *Hobb*: Reading and hiking; *Add*: D.N. College of Education, Sholapur.

MARIAPPA, (Dr.) Dandi—Head, Dept. of Anatomy & Associate Dean, Madras Veterinary College, Madras since 1946; *b* 27 August 1912 at Hospet in Dist. Bellary; *Edn*: M.S. (Histology) in 1959 from Kansas State Univ., USA; *Resch Exp*: For 25 years in comparative anatomy; *Pub*: On Indian Elephant, Animals & Birds, palm and finger prints of twins, histology of organs, central nervous system etc.; *Exp*: Started at Madras Vety. College; *Mem*: Anatomical Society of India, Vice-President of Anatomical Society of India (Madras Branch 1957), Member of YMCA etc.; *Knows*: Kanada, Telugu, Tamil & Hindustani; *Visited*: USA, Great Britain, France, W. Germany, Italy, Switzerland, Egypt etc. for study and sightseeing; *Add*: Madras Vety. College, Madras-7.

MARKOSE, (Dr.) A. T.—Head, Dept. of Law, Univ. of Kerala since June 1963, *b* 7 December 1919 at Mamalassery in Dist. Ernakulam; *Edn*: M.A. (Pol. Sc.) in 1943 from BHU, LL.M (Property) in 1945 from Bombay Univ. & LL.D. (Constitutional Law) in 1951 from Lucknow Univ.; *Resch Exp*: Director of Research, The Indian Law Institute, New Delhi 1958-63; *Pub*: Author of Judicial Control of Administrative Action in India, contributed papers/chapters in several books; articles, reviews etc.; *Exp*: Delhi Univ. 1947-48; Lucknow Univ. 1949-51; Ernakulam Law College, 1952-54; Trivandrum Law College 1954-58; *Mem*: Genl. Secy. of All India Law Teachers Association, Kerala Bar Association, Indian Law Institute, I.I.P.A., Indian Academy of Labour Arbitrators etc.; *Genl*: Deputy Judge, International Administrative Tribunal, Geneva; Delegate to the first World Congress of International Commission of Jurists at New Delhi 1959-60; *Knows*: English & Malayalam; *Visited*: USA, UK, Rio de Janero, Singapore; *Add*: Dept. of Law, Univ. of Kerala Ernakulam.

MARSHALL, D.N.—Head of Library Science, Univ. of Bombay since 1947; *b* 25 April 1906 at Bombay; *Edn*: M.A. (Econ) in 1930 with first class first & Dip Lib. in 1944 from Univ. of Bombay; *Pub*: Mughals in India—A bibliogrpahical Survey; *Honours*: Viceroy's Gold Medal in 1927 in an all India essay comeptition; *Exp*: Started at Univ of Bombay; *Mem*: Indian Library Association, Indian Association of Special Libraries & Information Bureau, Library Association etc. etc.; *Knows*: English, Gujrati, Hindi, Marathi & Persian; *Visited*: UK and the Continent; *Hobb*: Philately; *Add*. 18, Military Square, Fort, Bombay-1.

MARULASIDDAIAH, (Dr.) G.—Director, Oriental Research Institute, Mysore & Head, Dept. of Sanskrit, Mysore Univ. since 1964; *b* 10 October 1921 at Hunasamaranahalli in Dist Bangalore; *Edn*: M.A. (Sanskrit) winning Sir P.N Krishna-Murthy Gold Medal & Narsimhasastry's Medal & Ph.D. (Sabdavritti) from Univ. of Mysore; *Resch Exp*: For past 10 years: *Pub*: Books on Sabdavritti, Prabhuleela, Bana besides many papers; editor of Mysore Orientalist; *Exp*: Joined Sanskrit Dept. in 1947 and held different positions; *Mem*: Examiner in Karnatak & Kerala Univ.; *Knows*: English, Sanskrit, Kannada & Telugu; *Hobb*: Swimming and yogasanas; *Add*: 156 Dhatri, XI Main Sarasvathipuram, Mysore-5.

MARUTHAVANAN, S.—Head, Tamil Dept., St. Michael's High School, Coimbatore since 1952; *b* 1 January 1929 at Elangadu in Dist. Thanjavur; *Edn*: Tamil Vidwan in 1948 from Karandai Pulaur Kalluri, Thanjavur; *Pub*: On Anzor Valinzia Arivuri, Nadu Katha Nallor, Vallur Kanda Nadu, Yadu Aram, Ulla Koil, Mana Makkalukku, Tamil Neri, Vaiyathu Vali Kattigal, Panpatta Valzai Ponni (Monthly magazine) and countless school books and grammar text books. *Exp*: Kumarappa Sengundar High School, Chennimalai for 2 years; Central High School, A. Nagar for 2 years; *Mem*: Chairman of City Tamil Pandit's Association; Chairman of Coimbatore Dist. Teachers' Welfare Association; Executive Member of Tamil Writers Association and many others; *Genl*: Social worker, Orator, Play wright & Poet; *Knows*: Tamil & English; *Add*: Paavendar Illam, P. M. Samy Colony, Kumarapalayam Pudur, Coimbatore-10.

MASIH, (Dr.) Yaqub—Head, Dept. of Philosophy, Magadh Univ. since 1963; *b* 1 March 1916 at Patna; *Edn*: M.A. in 1937 & D.Litt. in 1952 from Patna Univ.; Ph.D. in 1955 from Edinburgh Univ.; *Resch Exp*: Conducing and guiding research; *Pub*: Books on Freudianism & Religion, A Critical History of Modern Philosophy (now in 3rd edition), Dharma-Darshan-Prachya evam Pashchatya besides about 30 articles; *Honours*: Rs. 1000/- from Bihar Rashtra Bhasha Parishad; *Exp*: Rajendra College, Chapra 1938-41; T.N.B. College, Bhagalpur 1941-45; L.S College, Muzaffarpur 1945-63; *Mem*: President of All India Philosophical Congress; President of Bihar Darshan & Akhil Bhartiya Darshan at certain stages; *Genl*: Preparing the book on Philosophical Theology-Eastern & Western; *Knows*: English, Hindi, Sanskrit & German; *Visited*: UK & Europe; *Hobb*: Gardening; *Add*: Dept. of Philosophy, Magadh Univ., Gaya.

MASWOOD, Muhammad —Lecturer, Dept. of Geology, Gauhati Univ. since August 1959; *b* 1 March 1936 at Gauhati; *Edn*: M.Sc. (Geology) in 1958 from Gauhati Univ., F.P.T.C. in 1967 from P.G. Training Centre, Vienna; *Pub*: Papers on granite and associated rocks of E. Gauhati, Xenolith, Metamorphics etc.; Book on Biswa Mahapurus Hazrat Muhammad; *Exp*: Started at Gauhati Univ.; *Mem*: P.G. Training Centre for Geology, Vienna; *Knows*: English, Assamese, Bengali, Hindi, Urdu & German; *Visited*: Austria & Italy; *Hobb*: Gardening, photography and writing of books; *Add*. Sadhna Cottage, S.S. Road, Gauhati-1.

MATH, G.C. Laxmeshwar—Principal, Sri Gavisiddheswar College, Koppal since June 1967; *b* 17 May 1933 at Mantoor in Dist. Dharwar; *Edn*: M.A. (English) in 1951 from BHU; *Pub*: A paper on 'Problem of Teaching English to P.U.C. Students'; *Exp*: Institute of Pre-Univ. Course, Gadag; Sri Kadasiddeshwar College, Hubli; Sri Uma Vidyalaya, Laxmeshwar; Vijay College, Bijapur; P.C. Jabin Science College, Hubli: *Knows*: Kannada & Hindi; *Hobb*: Chess; *Add*: S. G. Arts & Science College, Koppal.

MATHAD, (Dr.) Shivamurteyya Basalingayya—Reader in Zoology, Karnatak Univ. since September 1967; *b* 3 May 1928 at Mahalingapur in Dist. Bijapur; *Edn*: M.Sc. (Zoology) in 1953 from Wilson College, Bombay & Ph.D. (Insect Physiology) in 1967 from McGill Univ., Canada; *Resch Exp*: For 7 years in Entomology; *Pub*: Co-author of 'Animal Life'; about 15 research papers and 35 articles; several radio-talks etc.; *Exp*: Basaveshvar College, Bagalkot 1953-59; Karnatak Science College, Dharwar 1959-63; McGill Univ. 1963-66; Cornell Univ. 1966-67; *Mem*: Entomologists Society of America, Sigma Xi, Canadian Society of Zoologists, Entomological Society of India; *Knows*: English, French, Kannada & Hindi; *Visited*: Cannada & USA; *Hobb*: Speech-making and writing; *Add*: Dept. of Zoology, Karnatak Univ., Dharwar.

MATHAI, Samuel—Vice Chancellor, Univ. of Kerala since 1963; *b* 26 February 1908 at Mavelikara; *Edn:* M.A. (English) from Bombay Univ. & M.A. (English) from Oxford Univ.; *Pub*: Several articles broadcast on AIR & B.B.C. on literary, social & religious subjects; *Exp:* Fergusson College, Poona 1930-31; Forman Christian College, Lahore 1931-40; St. Stephen's College, Delhi 1940-48; Secy. of Inter-University Board of India, Burma & Ceylon 1948-53; Secy., U.G.C. 1953-63; *Mem*: National Commission for UNESCO, Board of Directors of USEFI, Executive Cttee of World Alliance of YMCAs, World Council of Churches, World Council of Christian Education, Royal Commonwealth Society, Indian Council of Cultural Relations, attended numerous international conferences and Guest Speaker at many institutions; *Visited:* UK, Denmark, Canada, Thailand, Singapore, Hongkong, Burma, Japan, USA. Germany etc.; Visiting Prof. at Institute of Commonwealth Studies, London 1966-67; *Add:* 'Surama', Pongumood, Ulloor, Trivandrum-11.

MATHEW, (Dr.) Malayil Oommen—Prof. & Head, Dept. of Commerce, Annamalai Univ. since 1962; *b* 11 April 1927 at Kozhencherry in Dist. Quilon; *Edn:* M.Com. in 1954, M.Com (Hons) in 1955 & Ph.D. in 1960 from Andhra Univ.; *Resch Exp:* For 10 years, guiding several research students; *Pub:* Book on Rail & Road Transport in India' besides several articles on subjects like Transport Co-ordination, analysis of Railway budgets, Level Crossings, Development of Inland Waterways, Nationalisation of Road Transport & Co-operative Farming in India etc.; *Exp:* For 6 years at Andhra Univ. before joining Annamalai Univ.; *Knows*: English, Malayalam, Tamil & Telugu; *Add:* Dept. of Commerce, Annamalai Univ., Annamalainagar.

MATHUR, Brahma Swarup—Principal, M.M.H. College, Ghaziabad since 1949; *b* 8 November 1915 at Bulandshahr; *Edn:* M.A. (English) in 1939 from Lucknow Univ.; *Resch Exp:* In the field of writings of contemporary poets; *Pub*: A Book on 'Sivananda : Singer of Divinity' besides many articles published in the Modern Review, Indian Review, Calcutta Review, Prabhuddha Bharata & Aryan Path; Associate Editor of 'Education' magazine; *Exp:* D.A.V. College, Kanpur 1941-49; *Mem*: Senate & Executive Council of Agra Univ.; *Knows:* English, Hindi & Urdu; *Hobb:* Reading, writing and table-tennis; *Add:* M.M.H. College, Ghaziabad.

MATHUR, (Dr.) Charan Swaroop—College of Vety. & Animal Science, Bikaner since 1958; *b* 21 October 1927 at Ajmer; *Edn:* Cert. IVRI in 1960 from I.V.R.I., Izatnagar; M.Sc. in 1961 from Ohio State Univ. USA & Cert. AIIH & PH in 1967 from All India Institute of Hygiene & Public Health, Calcutta; *Resch Exp:* For about 20 years; *Pub:* Book on Feeds & Fodders of Rajasthan besides articles on afforestation of Rajasthan, phog, insects, Cham-Ghas, growing chickens, magra sheep, Marwari goats, Hybrid bajra, pigs etc.; *Exp*: UP College of Vety. Science & Animal Husbandry, Mathura; Rajasthan College of Vety. Science & Animal Husbandry, Bikaner; *Mem:* American Association of Advancement of Science; *Visited:* USA, UK, France, Sweden & Italy for educational specialization; *Add:* College of Vety. & Animal Science, Bikaner.

MATHUR, (Dr.) Jaswant Raj—Head, Dept. of Botany, Univ. of Udaipur since April 1967; *b* 7 May 1938 at Jodhpur; *Edn:* M.Sc. in 1961 & Ph.D. (Plant Breeding) in 1964 from Ohio State Univ., USA; *Resch Exp:* For 10 years; *Pub:* Several papers on effect of row spacing, uncropped border area, winter wheat, simple lattice compared with randomized complete block etc.; *Exp:* Boston Univ. 1964-65; Pool Officer, Univ. of Udaipur 1965-67; *Mem:* American Society of Agronomy, Genetics Societyof America, American Institute of Biological Sciences; *Knows:* Hindi, English & German; *Visited:* USA & France; *Hobb*: Classical music & swimming; *Add:* 488 Road, 5/B, Sardarpura, Jodhpur.

MATHUR, (Dr.) Krishna Narayan—Principal, G.S.V.M. Medical College, Kanpur since February 1963; *b* 6 September 1910 at Bijnor in U.P.; *Edn:* MBBS in 1936 from Lucknow Univ., D.O.M.S. in 1939 from Conjoined Board of England, M.S. in 1949 from Agra Univ., F.A.M.S in 1964 from Indian Academy of Medical Sciences; *Resch Exp:* For 20 years; *Pub*: About 15 papers; *Honours:* Awarded Fulbright Scholarship for USA 1951-52; *Exp:* Lecturer in Ophthalmology, Medical College, Agra 1944-51 and Prof. 1952-62; *Mem*: Indian Academy of Medical Sciences, All India Ophthalmic Society, All India Medical Association; *Knows*: English, Hindi & Urdu; *Visited:* UK 1938-39; USA 1951-52 for higher education; *Hobb*: Photography; *Add*: G.S.V.M. Medical College, Kanpur.

MATHUR, (Dr.) Murari Lal—Dean. M.B.M. Engineering College, Jodhpur since November 1966; *b* 10 July 1931 at Masuda in Rajasthan; *Edn*: B.E. (Mech) in 1951 from Birla College of Engg. & Ph.D. (Aerodynamics of Swirling Jets) in 1966 from Univ. of Glasgow, UK; *Resch Exp*: For 5 years; *Pub*: Books on Problems in Thermodynamics Applied to Heat Engines, Machine Drawing, Theory & Problems of Thermodynamics besides 12 papers; *Honours*: Silver Medal in B.E. (Mech), a first class career throughout; Univ. Professor & Head of Dept. at the age of 32; *Exp*: Joined Engg. Dept. of M.B.M. Engg. College, Jodhpur in 1952; *Mem*: Institution of Engineers (India), Academic Council & Senate of Univ. of Jodhpur, Board of Secondary Education of Rajasthan, Advisory Council of Defence Science Laboratory (Jodhpur), Expert Member of Public Service Commission of Rajasthan; Officiating Dy. Director of Technical Education, Rajasthan 1957-58; *Knows*: Hindi, than 1957-59; Secy. of Board of Technical Education Rajasthan 1957-58; *Knows*: Hindi, English, German & Urdu; *Visited*: UK for Ph.D.; *Add*: M.B.M. Engg. College, Jodhpur.

MATHUR, (Dr.) Raghuvansh Bahadur—Head, Dept. of Education, Lucknow Univ. since 1953; *b* 17 September 1918 at Lucknow; *Edn*: B.A. (Hons) in 1940 from King's College, London; Certificate in Education in 1941 from Cambridge Univ.; Dip. in Administration in 1942 from London School of Economics; Ph.D. (History of Education) in 1947 from London Univ.; *Resch Exp*: Guide for Ph.D. students of many universities; *Pub*: Books on Prejudices of High School Students, Characteristics of Indian & American Teachers, Education and Social Change etc., *Exp:* Univ. of London & Cambridge 1942-47; Reader 1948-52, Head of Dept. 1953 at Lucknow Univ.; Visiting Prof. to USA 1957-58; *Mem*: Indian Science Congress, National Association of Teacher Educators, Phi Kappa Phi (USA), delegate to Quadrennial Congress of International Association for the Promotion of Educational Research in Paris, delegate to Educational Conference in Berlin in 1965; *Knows*: French, Spanish, English & Hindi; *Visited*: France, Denmark. Norway Sweden, UK, W. Germany, USSR & USA to deliver lectures and visit the universities; *Hobb*: Chess; *Add*: Dept. of Education, Lucknow Univ., Lucknow.

MATHUR, (Dr.) Rajendraprasad Mataprasad—Senior Scientific Officer, ONGC, Dehradun since 1966; *b* 30 October 1930 at Bombay; *Edn*: B.Sc (Tech) (Chem Engg) in 1952 from Dept. of Chemical Techy., Bombay & Ph.D. (Phy Chem) in 1956 from Institute of Science, Bombay; *Resch Exp*: In Magnetic study of some coumarins and silicones, Problems of the manufacture of soda ash by Solvey Process, drilling fluids for the oil and gas exploration; *Pub*: About 15 research papers; *Exp*: Dhrangadhra Chemical Works Ltd., Dhrangadhra 1956-66; *Mem*: Royal Institute of Chemistry (London), Indian Institute of Chemical Engineers, Institution of Chemists, Indian Science Congress, Faraday Society (London); *Knows*: Hindi, Gujarati & English; *Hobb*: Painting; *Add*: Research & Training Institute, O.N.G.C., Dehra Dun.

MATHUR, Rajesh Behari—Dist. Govt. Counsel (Revenue), Allahabad since 1960; *b* 24 June 1927 at Ahiapur in Dist. Allahabad; *Edn*: B.Sc. in 1946, M.A. (International Affairs) in 1949 & LL.B. in 1950 from Univ. of Allahabad; *Resch Exp*: For 20 years in self laboratory; *Pub*: Articles on Alchemy in India, Philosopher's Stone, Hungry Mercury, Radioactivity in Ayurveda, Rasas-their Origin, Cultivation of Gold etc.; *Mem*: Indian Science Congress, Akhil Bhartiya Ayurveda Seva Sangh; established Herbal Home, Allahabad; *Genl*: Got patented formula for extraction of Metal (Copper) from its salt without use of furnace, invented original formula for solidification of mercury, Herbs for curing of diabetes and Asthama; now experimenting & testing old herbal recipes on transmutation of metals to gold; *Add*: 271, Muthiganj, Katghar Road, Allahabad.

MATHUR, (Dr.) Sheoraj Singh—Dept. of Education, Punjab Univ. since July 1963; *b* 13 July 1928 at Agra; *Edn*: M.A. (Phil) in 1953 with 3rd position in Univ. of Agra; Ph.D. in 1959 from Univ. of Agra; *Resch Exp*: Supervising research work; *Pub*: Books on Shiksha Manovigyan, Samanya Manovigyan, Saral Manovigyan, Samaj Manovigyan Shiksha Siddhant, Shikshan Kala, Vidyalaya Sangathan evam Swasthaya, Shiksha, Educational Psychology, A Sociological Approach to Indian Education, Social Psychology; translating his books in Panjabi; *Honours*: Cash Award by U.P. Govt.; *Exp*: R.E.I. College, Dayalbagh 1954-63; *Mem*: Faculty, Board of Studies & Executive Cttee of Panjab Univ.; *Knows*: Hindi, Urdu, English & Panjabi; *Add*: Dept. of Education, Panjab Univ., Chandigarh-14.

MATHUR, (Dr.) Suresh Chandra—Prof. & Head, Dept. of Agri. Economics, R.B.S. College, Bichapuri, Agra since September 1963; *b* 11 April 1927 at Mainpuri in U.P.; *Edn*: M.Sc. (Agri) in 1949 from B.R. College, Agra & Ph.D. in 1957 from Institute of Social Sciences, Agra; *Resch Exp*: Guiding research work for past 10 years, directing a Research Project on Agrl. Marketing Finance by I.C.A.R. (New Delhi); *Pub*: About 10 papers on subjects like Minimum Wages in Agriculture, Terminology in Agriculture Co-operative Societies, selling activities etc.; *Honours*: Awarded prize in 1967 for best paper; *Exp*: Started in 1958 at B.R. College, Agra; *Mem*: Indian Society of Agrl. Economics, Indian Society of Labour Economics, Bharat Krishak Samaj, Agra Productivity Council, Agra Junior Chamber; *Visited*: USA for advanced training; *Hobb*: Reading, writing, stamp collection etc.; *Add*: R.B.S. College, Agra.

MATOO, (Dr.) Autar Krishen—Research Fellow, Dept. of Microbiology, Baroda Univ. since September 1967; *b* 19 July 1944 at Rainawari in Dist. Srinagar; *Edn*: M.Sc. (Biochem) in 1965, Ph.D. (some aspects of Metabolic changes in Ripening mangoes) in 1966 from M.S. Univ. of Baroda; *Pub*: Four papers published and three papers presented in various conferences; *Exp*: M.S. Univ. of Baroda 1965-67 and since 1967 teaching P.G. classes; *Mem*: Indian Science Congress, Society of Biological Chemsitry, Association of Microbiologists; *Knows*: English, Urdu, Hindi & Kashmiri; *Hobb*: Photography, stamp collection and gardening etc.; *Add*: H/O Shri Mana Joo Mattoo, Bagh Rainawari, Srinagar, J&K.

MATOO, (Dr.) Brij Nath—Asstt. Director, Forensic Science Laboratory, Bombay since November 1959; *b* 18 May 1933 at Srinagar in J&K; *Edn*: M.Sc. (Chem) in 1953, Ph.D. in 1955 & D.Sc. in 1959 from Poona Univ.; *Resch Exp*: For about 10 years, teaching forensic science to Police Officers; *Pub*: 35 original research papers in Indian & foreign journals; *Exp*: Started with Forensic Science Lab., Bombay; *Mem*: National Academy of Sciences of India, Secy. of Indian Academy of Forensic Sciences, member of Indian Chemical Society; *Knows*: Kashmiri, Urdu, Hindi & English; *Add*: Syed Kocha, Srinagar-2, J&K.

MAZHAR, (Dr.) Syed M.—Reader in Maths., A.M.U. since August 1967; *b* 2 July 1935; *Edn*: M. Sc. (Maths) in 1957, D. Phil. in 1960 and Dip. in French in 1960 from Allahabad Univ.; *Resch Exp*: Guiding Ph.D. and D.Sc. students; a few already done their Ph.D.; *Pub*: About 30 research papers in various journals; *Exp*: Asstt. Prof. in Allahabad Univ. and joined A.M.U. in 1962 and held different positions; *Mem*:

Indian Mathematical Society, London Mathematical Society, American Mathematical Society, Indian Science Congress, Allahabad Mathematical Society, Society of Mathematical Sciences; *Genl*: Participated in Symposia held under Indian Science Congress at Cuttack, Delhi, Hyderabad & Varanasi in 1962, 1963, 1967 & 1968 respectively; *Knows*: French, English, Urdu & Hindi; *Add*: Dept. of Maths., AMU, Aligarh.

MAZUMDAR, Amiya Kumar—Principal, Barasat Govt. College, Barasat since December 1965; *b* 28 November 1917 at Calcutta; *Edn*: M.A. (Phil) in 1940 with first class first and Gold Medal & Prizes from Calcutta Univ.; *Pub*: Books on Vivekanda & America, Indian Culture, The Bases of Indian Culture, Philosophy of Swami Abhedananda besides 35 papers on philosophical subjects; *Exp*: Prof., Presidency College, Calcutta 1948-57; Principal, Jhargram Raj College 1957-58; Principal Barasat Govt. College, Barasat 1958-59; Principal, Hooghly Mohsin College, Chinsurah 1959-62; Principal Krishnagore College 1962-65; *Mem*: Genl. Secy., Indian Philosophical Congress; member of Senate, Board of Studies of Calcutta Univ.; Represented India at International Philosophical Congresses held under the auspices of UNESCO; *Visited*: Pakistan in 1960; *Knows*: English, Bengali, Hindi, Sanskrit and French; *Hobb*: Gardening; *Add*: Barasat Govt. College, Barasat, W.B.

MAZUMDAR, Bhupendra Krishna—Head, Division of Coal Constitution & Products, C.F.R.I., Dhanbad since 1957; *b* February 1925 at Kushtia in Dist. Nadia; *Edn*: M.Sc. (App.Chem) in 1946 from Calcutta Univ.; *Resch Exp*: For about 20 years; *Pub*: More than 45 papers on subjects like Reactive Oxygen in Coal, Acetylated Coal, Aqueous Alkali on Lignite, Aromaticity of Coal, Dehydrogenation, Tar Formation, etc.; *Exp*: Lecturer at Midnapur College, Midnapur & Vidyasagar College, Calcutta during 1948-49; Joined C.F.R.I. in 1949 and held different positions; *Mem*: Indian Standards Institution in 2 cttees; *Knows*: Bengali, English, Hindi & Sanskrit; *Visited*: Belgium in 1960 to attend the Round Table Conference on Coal Science and visited many Coal Research Establishments in Belgium, Holland, France & England; USA in 1964 to attend Conference on Coal Science; *Hobb*: Literature reading; *Add*: C.F.R.I., Dhanbad.

MEENAKSHISUNDARAN, T. P.—Vice Chancellor, Madurai Univ. since 1966; *b* 8 January 1901 at Chintadripet in Madras State; *Edn*: M.A. (Hist) in 1923 from Pachaivappa's College, Madras; B.L. in 1923 and Dip. in Economics in 1923; Vidwan (Tamil) in 1933 and M.O.L. (Tamil) in 1937, Dip. in French & German in 1933; *Resch Exp*: Supervising research work for M. Litt., Ph.D. & D. Litt.; *Pub*: About 30 books including Mullaippattu, History of Tamil Language, History of Tamil Literature, The Philosophy of Thirukkural, Kanalvari, Saiyamil Thiruvembavai Thiruppavai besides many papers; *Honours*: D.Litt. conferred by Madurai Univ.; Panmoli-p-pulavar, Palkalai-c-celvar & Muduperumpalvar conferred by Mutts; *Exp*: Annamalai Univ. 1944-46; Presidency College, Madras 1954-58; Annamalai Univ. 1958-63; Director, Centre for Advanced Study in Linguistics Annamalai Univ. 1963-66; *Mem*: Linguistic Society of India, Secy. of Madras Tamil Sangam; Vice-President of International Association of Tamil Research, Society for International Development; *Genl*: Councillor in Corporation of Madras 1924-33; Alderman of Corporation of Madras 1936; President of Madras Aluminium Labour Union 1925; *Knows*: Tamil, English, Hindi, Telugu, Sanskrit, Malayalam, German, French & Kannada; *Visited*: Ceylon, Malaya, Bangkok, Thailand, Japan, USA, USSR for lecturing etc.; *Add*: Madurai Univ., Madurai-2.

MEHARE, Krishna Tokaram—Principal, Shri Shivaji College of Education, Amravati since March 1966; *b*: 19 August 1927 at Mana in Dist. Akola; *Edn*: M.Sc. (Maths) in 1958, M.Ed. in 1961 from Nagpur Univ.; *Resch Exp*: Studied conditions that lead pupils to select vocational subjects at High School level; *Exp*: New English High School, Balapur 1950-51; Murtizapur High School, Murtizapur 1951-52; Model High School, Buldi, Nagpur 1952-54; Univ. Training College, 1954-55; Govt. Kalaniketan High School, Amravati 1955-59; Govt. Vocational High School, Amravati 1959-60; joined Shri Shivaji College of Education in 1961; *Mem*: Academic Council of Nagpur Univ.; *Knows*: English, Marathi, Hindi & Sanskrit; *Add*: Kalyan Nagar, Near Subms Plot, Amravati, M.S.

MEHER—Homji, (Dr.) Vispy M.—Research Botanist, Institut Francais, Pondicherry since July 1966; *b* 18 January 1932 at Bombay; *Edn*: M.Sc. (Bot) in 1955, Ph.D. (Phytogeography) in 1962 from Institute of Science, Bombay; D.Sc. (Bioclimatology) in 1960 from Univ. of Toulouse, France; *Resch Exp*: For 15 years; *Pub*: About 50 papers in Indian and foreign journals on Phytogeographical, ecological and bioclimatological subjects; *Exp*: Institute of Science, Bombay for 2 years; *Mem*: International Society of Plant Ecology & Plant Geography, International Society of Biometeorology, International Society of Tropical Ecology, Indian Botanical Society, Indian Science Congress, Arid Zone Research Association; *Genl*: Awarded scholarship from Bombay Univ., Govt. of F.R. of Germany and French Govt.; *Knows*: English, French & Gujarati; *Visited*: France, W. Germany, UK, Belgium, Netherlands, Italy, Tunisia, Israel & Syria etc. for education; *Add*: Institut Francais, Pondicherry.

MEHRA, (Dr.) Krishna Swami—Prof & Head, Dept. of Ophthalmology, College of Medical Sciences, BHU since 1965; *b* 12 September 1927 at Agra; *Edn*: M.S. in 1954 from Agra Univ., D.O. in 1955 from Royal College of Surgeons & Physicians; *Resch Exp*: For past about 20 years; *Pub*: About 50 papers mainly on colour blindness in India, cataract extraction, nuclear ophthalmologia, refractive error and intracular tension etc ; *Exp*: Agra Medical College, Agra; Lecturer, Institute of Ophth., Aligarh; *Mem*: Indian Medical Association, All India Ophthalmological Society; *Knows*: English & Hindi; *Visited*: UK; *Hobb*: Photography and gardening; *Add*: c/o Mr. Bans Kishore Mehra, Advocate, Seetlagali, Agra.

MEHRA, Sita Ram—Director, Central Road Research Institute, New Delhi since February 1955; *b* 20 August 1905 at Lahore; *Edn*: C.E. in 1927 from Thomason Engg. College, Roorkee; P.G. Research in 1936-37 from Imperial College, London; *Resch Exp*: Pioneering research in soil stabilisation; *Pub*: About 25 papers; *Exp*: Panjab P.W.D. (B&R) 1928; Principal, Panjab Engg. College, Chandigarh 1951-55; *Mem*: Institution of Engineers, Institution of Civil Engineers, National Institute of Sciences, Indian Roads Congress, Institution of Civil Engineers (UK); *Knows*: Hindi, Urdu, English & Persian; *Visited*: Represented India at various International Conferences or went as an invitee to Netherlands 1948, Bandung 1956, USSR 1958, Brazil 1959, France 1959, Ceylon 1960, France 1960 and 1962, Japan 1963, Italy & Australia 1964, France 1965, Thailand 1965, W. Germany 1966, UK & France 1967 and so on; *Hobb*: Golf, photography and swimming; *Add*: Central Road Research Institute, New Delhi-20.

MEHROTRA, (Dr.) Harihar Nath—Head, Dept. of Agrl. Botany, Univ. of Udaipur since July 1962; *b* 1 March 1927 at Agra; *Edn*: M.Sc. (Agrl ot) in 1947 from Univ. of Allahabad & Ph.D. (Plant Breeding) in 1954 from Univ. of Illinois (USA); *Pub*: About 30 research papers; *Exp*: Allahabad Agrl Institute, Allahabad 1947-56; S.K.N. College of Agri., Jobner 1956-57; Rajasthan College of Agri., Udaipur 1957-62; *Mem*: Indian Society of Genetics & Plant Breeding, Indian Botanical Society; *Knows*: Hindi & English; *Visited*: USA; *Hobb*: Gardening; *Add*: Dept. of Agri. Botany, Univ. of Udaipur, Udaipur.

MEHROTRA, R. K.—Principal, S.D.B College, Simla since August 1964; *b* 10 May 1919 at Kanpur; *Edn*: M.Sc. (Physics) in 1941 from Lucknow Univ.; *Pub*: Practical Physics for several standards, Samanya Vigyan for different classes; *Exp*: D.A.V. College, Kanpur 1945-46; joined S.D.B. College, Simla in 1946 and held different positions; during 1963-64 as Principal, H.N. College, Hariana; *Mem*: Academic Council, Science & Math. Faculty of Punjab Univ., Indian Council of World Affairs, Vice-President of Hindi Pracharini Sabha (Simla), Genl Secy. of Dist. Olympic Association (Simla), Education Cttee of S.D. Pratinidhi Sabha, Rotarian & Free Mason; *Knows*: English, Hindi & German; *Add*: S.D.B. College, Simla.

MEHROTRA, (Dr.) R. R.—Principal, Digamber Jain Colle e, Baraut since February 1967; *b* 9 January 1925 at Varanasi; *Edn*: M.Sc. (Physics) in 1947 & Ph.D. (Radio-Communications) in 1951 from BHU; *Resch Exp*: For 25 years in ionospheric physics and semiconductor physics; *Pub*: About 30 research papers mainly on F2 Region of Ionosphere, Radio Signals from Distant Transmitters, Short Wave Radio Signals, Automatic Hysterisis

Loss Recorder and patent for Transistor Wattmeter; *Exp:* 16 years teaching to Degree classes and 8 years to P.G. classes; *Mem*: Assoct. Member of Institution of Radio & Electronic Engineers (UK); *Knows*: English & Hindi; *Add:* D. J. College, Baraut.

MEHROTRA, (Dr.) Ram Charan—Univ. Prof of Chemistry, Univ. of Rajasthan since 1962; *b* 16 February 1922 at Kanpur; *Edn*: M.Sc. (Phy Chem) in 1943 with first class first & D. Phil. (Absorption indicators & metaphosphates) in 1948 from Allahabad Univ.; Ph.D. (Alkoxides and allied compounds of group IV elements) in 1964 & D.Sc. (Inorg Chem) in 1964 from London Univ.; *Resch Exp*: For about 25 years; guiding numerous research scholars; about 40 students received their Ph.D.; *Pub*: More than 300 research papers in reputed journals of India and abroad; author of A Text Book of Physical Chemistry for B.Sc. students; *Exp*: Allahabad Univ. 1944-54; London Univ. 1950-52; Lucknow Univ. 1954-58; Gorakhpur Univ. 1958-62; *Mem*: Board of C.S.I.R., Atomic Energy Establishment, U.G.C. and a large number of other cttees; *Genl*: Awardee of the highest national recognition 'Sir S.S. Bhatnagar Award' in 1965; *Knows*: Hindi, English, Urdu & German; *Visited*: Many countries in Europe, USA, Canada & Japan; *Add*: P-4, Univ. Campus, Jaipur-4.

MEHROTRA, (Dr.) Ramesh Chandra—Head, Dept. of Linguistics, Ravi Shankar Univ. since July 1966; *b* 15 July 1934 at Moradabad; *Edn*: M.A. (Hindi) in 1956 from K.G.K. College, Moradabad; M.Litt. in 1958 from K.M. Institute of Hindi & Linguistic Studies, Agra; P.G. Dip. (Linguistics) in 1959 from Deccan College P.G. & Research Institute, Poona; Ph.D. in 1964 from Univ. of Saugar; *Pub*: Books on Hindi men Chal-swar, Path Sanshodhan ki Shodh Samasyaen, Hindi Sangya ke Das Roop etc.; *Exp*: Univ of Saugar before joining R. S. Univ.; *Mem*: Linguistic Society of India; *Knows*: Hindi, English, Russian, German, Urdu & Marathi; *Add*: 5, Pujari Gali, Moradabad.

MEHROTRA, Satya Narayan—Reader & Head, Dept. of Commerce, Gauhati Univ. since December 1966; *b* 28 January 1932 at Alwar; *Edn*: M.Com. in 1954 with first class second from BHU; *Resch Exp*: For more than 5 years; *Pub*: Books on Labour Problems in India, Economic Theory besides 13 papers on Labour Welfare, Indian Economy, Financial Controls in Industry and Sharing Gains in Productivity etc.; *Honours*: Gold Medal from BHU in B. Com. and other Certificates of Honours; *Exp*: Joined Gauhati Univ. in 1957; *Mem*: All India Commerce Association, All India Society of Labour Economics, Indian Academy of Labour Arbitration; *Knows*: English & Hindi; *Hobb*: Reading and writing; *Add*: Staff Qr. No. 24, P.O. Gauhati Univ., Gauhati-14.

MEHTA, (Dr) Behram Hormasji—Director, Gondwana Centre since 1963; *b* 29 March 1906 at Bombay; *Edn*: M.A (Sociology) in 1933 winning Chancellor's Gold Medal & Sir P.M. Mehta Scholarship; Ph.D. in 1938 from Univ. of Bombay; *Resch Exp*: For past 20 years; *Pub*: Dynamics of Gond Society, chapters in many books of Sociology & Anthropology, The Chodhas of Gujarat, Highways of Bombay etc.; *Exp*: Prof. of Social Welfare, Tata Institute of Social Sciences, Bombay 1936-62 and Research Professor 1962-66; Concurrently U.G.C. Professor at Poona Univ.; *Mem:* Sociological Association, Anthropological Society of India, Advisor to Planning Commission of Govt. of India, member of U.N. Cttee on Crime & Juvenile Delinquency; *Knows:* English, Gujrati, Hindi & Marathi; *Visited*: USA & Canada; *Hobb*: Gardening; *Add*: Gondwana Centre, Tamia, Dist. Chhindwara.

MEHTA, (Dr.) Dhirajlal Jethalal—Asstt. Director, Central Salt & Marine Chemical Research Institute, Bhavnagar since 1963; *b* 31 December 1920 at Vartej in Dist. Bhavnagar; *Edn*: M.Sc. (Inorg Chem) in 1945 from M.T.B. College, Surat; M.Ch. Engg. in 1948 & D.Ch. Engg. in 1950 from Polytechnic Institute of Brooklyn, USA; *Resch Exp*: For about 20 years; *Pub*: About 30 papers in Indian & foreign journals; *Exp:* M.T.B. College, Surat for 2 years; *Genl*: Awarded by Invention Promotion Board for research on hydrated calcium silicate as insecticide carrier; *Knows*: Hindi, Gujarati & English; *Visited*: USA during 1946-49 for study. *Hobb*: Photography; *Add*: C.S. & M.C.R. Institute, Waghvadi Road, Bhavnagar-2.

MEHTA, Hariprasad Chhaganlal—Principal, Sanskrit Mahavidyalaya, Baroda since 1951; *b* 30 May 1912 at Nadiad; *Edn*: M.A. (Vedanta) in 1938 from Samaldas College, Bhavnagar, B.T. in 1941 from S.T.T. College, Baroda; Special Study of Shastras, Vyakarana, Sahitya, Nyaya, Vedanta and Puran; *Resch Exp*: Guided research students for Vachaspati in Sahitya and Vedanta; *Pub*: Editing 'Surabharati' an annual publication; *Honours*: 'Shuddhad waita Bhusna' awarded by Shri Vrajaratnalalji Maharaj of Surat; 'Vidyavatansa' by Jagadguru Shankaracharya Maharaj of Dwarka; *Exp*: Govt. Basic Training College, Baroda; *Mem*: Founder Member of Sanskrit Vishva Parishad, Bombay; Vice-President, Sanskrit Vidvat Sabha, Baroda, member of several Univ. bodies; *Knows*: Gujrati, Hindi, English & Sanskrit; *Hoob*: Reading of books on ancient culture; *Add*: Baroda Sanskrit Mahavidyalaya, Baroda.

MEHTA, (Dr.) Jivraj Narayan—Former Chief Minister of Gujarat & High Commissioner of India in UK; *b* 29 August 1887 at Amreli in Gujarat; *Edn*: M.D. (Genl Medicine) in 1914 with Univ. Gold Medal from London Hospital Medical College, London & M.R.C.P. from Royal College of Physicans, London; *Resch Exp*: In presence of glycogen in Suprarenal bodies at London Hospital Pathological Institute during 1912-13; and on the height, weight and chest measurements of school children in Bombay; *Pub*: Several articles on medical subjects; *Exp*: Hony. Lecturer in Medicine at Seth G.S. Medical College and Hony. Physician at K.E.M. Hospital, Bombay for 6 years; Asstt. Director of Hale-Clinical Laboratory, London Hospital 1914-15; Chief Medical Officer, State of Baroda 1923-25; Dean, Seth G.S. Medical College & K.E.M. Hospital 1925-42; Secy. & Director General of Health Services, Govt. of India 1947-48; Dewan, Former State of Baroda 1948-49; M.L.A. in Bombay 1949-60; Minister for Public Works, Govt. of Bombay 1949-51; Minister of Finance, Govt. of Bombay 1952-60; Chief Minister, Govt. of Gujarat 1960-63; High Commissioner of India in UK 1963-66; Chairman, Bombay Gandhi Smarak Nidhi since 1967; *Mem*: President of All India Medical Conference 1930 & 1947; C.S.I.R., several Cttees; of C.S.I.R; Governing Body of A.I.I.M.S. (New Delhi), Vice-Chairman of Gandhi Memorial Leprosy Foundation since 1952, Founder of London Indian Association in London in 1912; member of Constituent Assembly 1948-49, Vice-President of All India Prohibition Council besides member of several Govt., research & educational cttees; *Knows*: English, Hindi, Gujarati & Marathi; *Visited*: UK, Germany & Switzerland; *Add*: c/o Bank of Baroda Ltd., Apollo Street, Bombay-1.

MEHTA, Kumari Indumati H.— Principal, S.L.U. College for Women, Ahemdabad since 1960; *b* 5 October 1906 at Surat; *Edn*: M.A. (English) in 1930 from S.N.D.T. Women's Univ.; *Pub*: A Book 'Kala Shrishti' besides numerous articles on art, religion and literature, several radio plays and skits given on AIR; *Exp*: Prof. for 1930-60 and Principal since 1960 at S.L.U. College for Women, Ahmedabad; *Mem*: Academic Council, Syndicate & Senate of S.N.D.T. Women's Univ.; Hony. Secy. of Gujarat Stree Kelavni Mandal; Ex-President of Theosophical Federation; Active worker of All India Women's Conference; *Knows*: Gujarati, English & Hindi; *Hobb*: Reading, photography, music, knitting, dramatics and social work; *Add*: Sarsija, Five Roads (West), Navrangpura, Ahmedabad-9.

MEHTA, (Dr.) Priyavadan Chhaganlal—Director, Ahemdabad Textile Industry's Research Association, Ahmedabad-9 since May 1965; *b* 1 May 1920 at Rajkot; *Edn*: B.Sc. (Chem) in 1939 with first class first & B.Sc. (Tech) in 1941 with first class first from Bombay Univ.; M.A. (Text Chem) in 1947, Ph.D in 1948 from Princeton Univ.; *Resch Exp*: For 18 years in textile chemistry and technology; *Pub*: About 50 research papers and articles; *Honours*: Awarded fellowship of the Indian Standards Institution for meritorious contribution towards promotion of standardisation in India; *Exp*: Joined ATIRA in 1949 and became its Director in 1965; *Mem*: Chairman, Personnel Panel, Ahmedabad Management Association; Chairman & Member of various committees of I.S.I.; Member of Textile Association (Ahmedabad), Association of Chemical Technologists, Senate of Gujarat Univ; etc.; *Knows*: English, Gujarati & Hindi; *Visited*: USA, UK, USSR, Czechoslovakia, W. Germany & Italy for study and as member of Govt. of India mission; *Hobb*: Music and dramatics; *Add*: Director, ATIRA, Ahemdabad-9.

MEHTA, Raghunath—Head, Dept. of Chemistry, D.A.V. College, Amritsar since 1955; *b* 1 April 1925 at Taungoo, Burma; *Edn*: M.Sc. (Chem) in 1949 from Panjab Univ.; *Resch Exp*: In the field of synthetic resins; *Pub*: Books on Fundamental Chemistry for Pre-Univ. & Higher Sec., Elementary Chemistry Practicals, Practical Chemistry for Pre-Engg. etc., Chemical Calculations, Numerical Problems in Chemistry; *Exp*: Vaish College, Bhiwani 1949-51; D.H. College, Moga 1951-55; *Mem*: Science Faculty, Panjab Univ.; *Knows*: English, Hindi & Burmese; *Visited*: Born and brought up in Burma and studied in Rangoon Univ. till 1942: *Hobb*: Stamp collection, sports, reading of science etc.; *Add*: D.A.V. College, Amritsar.

MEHTA, Ramanlal Chhotalal—Principal, College of Indian Music, Dance & Dramatics, M. S. Univ. of Baroda since 1954; *b* 31 October 1918 at Surat; *Edn*: B.A. (English) in 1940 from Bombay Univ., pupil of late Ustad Waheed Khan of Kirana; *Pub*: Books on Panchajiri, Gujrati Geya Kavita, Sangit—Charch, Melodic Tension besides many papers on music, aesthetics & classification; *Exp*: Started at M.S. Univ. of Baroda; *Mem*: Ex-President of All India Folk Culture Conference, Chairman Board of Studies in Music etc. in many universities; *Knows*: English, Hindi & Gujarati; *Visited*: UK, Germany, France, UAR & Netherland to participate in musical councils; *Add*: College of Indian Music, Dance & Dramatics, Sursagar, Baroda.

MEHTA, (Dr.) Ramanlal Nagarji—Head, Dept. of Archaeology & Ancient History, Baroda Univ since 1962; *b* 15 December 1922 at Katargam in Dist. Surat; *Edn*: M.A. in 1947 from Univ. of Bombay, Ph.D. in 1957 and Dip. in Museology in 1955 from Univ. of Baroda; *Resch Exp*: For 20 years in culture, place-names, Puranas, folk-lore and physical culture etc.; *Pub*: Ten books and over 130 papers in different languages; *Honours*: Prize from Gujarat State on a book; *Exp*: For past 18 years at Baroda Univ. and held different positions; *Mem*: Vice-President of Gujarat Itihas Parishad & Gujarat Archaeology Society; Member of All India Archaeological Society, Numismatic Society of India, All India History Congress, Indian Science Congress, All India Oriental Congress; *Knows*: Gujarati, Marathi, Hindi, Persian. French, German, Sanskrit & English; *Hobb*: Shooting; *Add*: Dept. of History, Baroda Univ., Baroda.

MEHTA, Shantilal Bahecharlal—Prof. of Economics, Gujarat College, Ahmedabad since April 1965; *b* 7 April 1929 at Amrapur in Dist. Rajkot; *Edn*: M.A. (Advanced Economics) in 1953 from Univ. of Bombay; *Pub*: On co-operative farming and agrarian development in India; several articles read and published; *Exp*: Bahauddin College, Junagadh for 5 years; M. J. College of Commerce, Bhavnagar for 5 years; *Mem*; Indian Economic Association, Indian Society of Agrl. Economics; *Knows*: English, Hindi & Gujarati; *Add*: 49, Somnathnagar Society, Near Sanghvi High School, Narayanpura Road, Ahmedabad-13.

MEHTA, (Dr) Thakorbhai Naranji—Principal, Sheth P.T. Arts & Science College, Godhra since July 1967; *b* 10 February 1907 at Katargam in Dist. Surat; *Edn*: D.I.C. in 1930 from Imperial College of Science & Technology, London; Ph. D. (Org Chem) in 1931 from Univ. of London; A. R. I. C. in 1931 from Royal Institute of Chemistry, London; M. I. I. Chem. E. in 1947 from Indian Institute of Chemical Engineers; *Pub*: About 90 papers on Oils, Fats, Dyes etc. published in Indian and foreign journals; *Exp*: Baroda College, Baroda 1931-32; Samaldas College, 1932-34; Univ. of Bombay 1935-40; Polytechnic Institute, Brooklyn 1941; Univ. of Louisville, USA 1942; Univ. of Bombay 1944; Vice Principal, Delhi Polytechnic, Delhi 1945; Head, Chem. Tech. Dept. 1945; Univ. Reader & Prof. of Appl. Chem., Nagpur Univ. 1951-67; *Knows*: Gujarati, Hindi, English & German; *Visited*: UK, W. Germany, USA, Canada, S. Africa etc.; *Add*: Sheth P. T. Arts & Science College, Godhra.

MELANIUS, Rev. Thomas—Principal, St. Joseph's College, Devagiri, Calicut since June 1965 ; *b* 17 July 1916 at Arunithura in Dist. Kottavam ; *Edn* : M.A. (Hindi) in 1959, M.A. (Sanskrit) in 1962 & M.A. (English) in 1964 from BHU ; *Exp* : St. Joseph's Sec. School, Pulincunnso 1950-53 ; St. Auslem's College, Ajmer 1953-54 ; St. Joseph's College since 1956 & Principal since 1965 ; *Mem :* Senate of Kerala Univ. ; *Knows :* English, Malayalam, Hindi, Sanskrit, Latin & Syriac ; *Add :* St. Joseph's College, Devagiri, Calicut.

MEMON, A.A.—Principal, College of Agri., Kolhapur since June 1963; *b* 2 December 1917 at Dhoraji in Gujarat ; *Edn :* B. Sc. (Agri) in 1938 from College of Agri., Poona; B. Sc. (Agri Engg) in 1949 & M. Sc. in 1950 from Univ. of Illinois. USA ; *Pub :* One book on Survey of Indigenous Agrl. Implements of Bombay State besides 20 research papers ; *Exp :* At Colleges of Agri., Poona, Parbhani & Dept of Agri., Bombay State for 25 years; *Mem :* American Society of Agriculture, Indian Science Congress, Deccan Sugar Technologists and many other associations ; *Knows :* English, Hindi, Gujarati, Marathi & Persian ; *Visited :* USA 1947-50; France, UK, Aden, Yemen, South Arabia etc.; *Add :* Padmaji Compound, 816, Bhawani Peth, Poona-2.

MENE, (Dr) P. S.—Director, Laxminarayan Institute of Technology, Nagpur Univ., Nagpur since 1958 ; *b* 1 July 1913 at Dhanodi in Dist. Wardha ; *Edn :* B. Sc. (Hons) (Chem) in 1936 from College of Science, Nagpur ; Ph. D. from London Univ. ; *Pub :* 50 research papers on Chemical Engineering and technology ; *Exp :* For 25 years at L.N. Institute of Technology, Nagpur and held different positions ; *Mem :* Former President of Indian Institute of Chemical Engineers ; Member of Geological, Mining and Metallurgical Society of India, Rotary Club of Nagpur ; *Knows :* Marathi, Hindi, English & German ; *Knows :* Marathi, Hindi, English & German ; *Visited :* UK and USA for higher studies and as Visiting Professor respectively; *Hobb :* Tennis & swimming ; *Add :* L. N. Institute of Technology, Nagpur.

MENON, A. G. Gopinatha—Prof., Agrl. College & Resch. Institute, Vellayani since July 1966 ; *b* 17 April 1932 at Poonjar in Dist. Kottayam ; *Edn :* M.Sc (Agron) in 1956 from BHU, M.S. (Extension) in 1960 from Univ. of Tennessee, USA ; *Resch Exp :* For 10 years in studies on hybrid maize, effects of seradix on the yield of tapioca, placement of ammonium sulphate in rice soils ; *Exp :* Agrl. Asstt., Govt. of Kerala 1956-57 ; joined Agrl. College & Research Institute, Vellayani in 1957 and held different positions ; *Knows :* Malayalam, English, Hindi & German ; *Visited :* USA for higher education ; *Add :* Thattungal Thazhatuh House, Poonjar, Dist. Kottayam.

MENON, (Dr) Nalapat Kesava—Director, Tuberculosis Chemotherapy Centre, Madras since 1964 ; *b* 15 January 1922 in S. Malabar ; *Edn :* MBBS in 1945, T D.D. in 1953 from Madras Univ. ; D.T.M. & H in 1957 from Edinburgh Univ., M.R C.P. in 1959 from Roval College of Physicians, Edinburgh ; *Resch Exp :* For 10 years in chemotherapy of pulmonary tuberculosis and drug resistance ; *Pub :* Over 50 publications including Problems of Drug Resistance in Tuberculosis, Drug Resistance in Hyderabad, Chemotherapy of Tuberculosis etc. ; *Exp :* Prof. of Tuberculosis at Gandhi Medical College till 1964 ; *Mem :* Treatment of the International Union Against Tuberculosis, Secy. of the I.C.M.R Group in Tuberculosis, American College of Chest Physicians, British Tuberculosis Association, British Medical Association etc. ; *Genl:* Participated in numerous national and international conferences as a speaker ; *Visited :* UK, France, Denmark, Germany, Italy, Holland, Switzerland & Malaysia etc. ; *Knows :* English, Malayalam, Hindi & Tamil; *Add :* Director, Tuberculosis Chemotherapy Centre, Madras-31

MENON, Rayirath Govinda—Principal, N.S.S. College of Engineering, Palghat-8 since July 1964 ; *b* 22 February 1926 at Palghat ; *Edn :* M.Sc. (Engg) in 1957 from College of Engg., Madras ; *Resch Exp :* During 1952-54 at Irrigation Research Station, Poondi; *Pub :* Papers on Autogenous Healing of Concrete, Rubber Pad Bearings for Bridges etc. ; *Exp :* Public Works Departments of Madras & Kerala States from 1948 to 1957 ; taught at College of Engg., Trivandrum before joining at Palghat ; *Mem :* Assoct. Member of Institution of Engineers, Fellow of American Society of Civil Engineers, Lions Club of Palghat ; *Knows :* English, Tamil & Malyalam ; *Hobb* : Photography ; *Add :* Murali Baugh, Old Bazaar, Kollengode, Palghat Dist.

MENSINKAI, (Dr) S. W.—Director of Instruction (Agri), College of Agriculture, Dharwar since 1953 ; *b* 1 February 1911 at Dharwar ; *Edn :* M.Sc. (Cotton Physiology) in 1935 from Bombay Univ., Ph. D. (Plant Cytogenetics) in 1938 & D.I.C. (Agrl Bacteriology) in 1945 from London Univ., Dip. in Agri. in 1948 from Reading Univ. ; *Resch Exp :* For past 17 years ; *Pub :* Book on Botany besides about 20 papers on subjects like Heterosis in Cotton, Rice, Evaluation of Fertility, Ephestia Kuhniella, Double Structure of Chromosome etc. ; *Exp :* Fibre Development Officer, Economic Botanist of Govt. of Bombay ; Univ Professor of Bombay; Jt. Director of Agriculture, Research & Education, Mysore ; *Mem :* Indian Society of Genetics & Plant Breeding, I.A.R.I., New Delhi ; Chairman, Kannada Encyclopaedia Board ; Member, State Co-ordinating Cttee on Vijnan Mandirs (Mysore State), Editorial Board, Board of Studies & Syndicate of Karnatak Univ. ; *Knows* : English, Kannada, Marathi & Hindi ; *Visited :* UK 1936-48 for Ph. D. & D.I.C.; visited USA under TCM grant ; *Add :* College of Agriculture, Dharwar.

MERCHANT, Jaysukhlal Ranchoddas—Prof. & Head, Dept. of Organic Chemistry, Institute of Science, Bombay since 1954; *b* 14 June 1922 at Bombay; *Edn*: M.Sc. (Org Chem) in 1946 & Ph.D. in 1949 from Bombay Univ., D.Sc. (Tech) in 1952 from Swiss Federal Institute of Techy., Zurich; *Resch Exp*: For 20 years, guided over 35 students for Ph.D. etc.; *Pub*: About 70 research publications in Indian and foreign journals; *Exp*: Started at Institute of Science, Bombay; *Mem*: Fellow of Royal Institute of Chemistry (London), Academy of Sciences (B' lore), Institution of Chemists; Member of American Chemical Society, Chemical Society (UK), Indian Chemical Society; *Knows:* Gujarati, Hindi, Marathi, English, Sanskrit, German & French; *Visited*: several universities in all over Europe (except Russia) during 1950-52; *Hobb*: Music and photography; *Add*: Institute of Science, Madame Cama Road, Bombay-83.

METI, (Dr.) T. K.—Reader in Economics, Karnatak Univ. since 1966; *b* 7 August 1930 at Govankop in Dist. Bijapur; *Edn:* M.A. (Econ) in 1955, Ph.D. (Agri Econ) in 1961 from Univ. of Bombay; P.G. Dip. in National Development in 1966 from Institute of Social Studies, The Hague; *Resch Exp*: For 12 years; *Pub:* Book on Economy of Scarcity Areas & several articles in journals; *Exp:* Since 1962 at Karnatak Univ.; *Mem:* Indian Society of Agrl. Economics, Indian Economic Association; *Knows:* Hindi, Kannada & English; *Visited:* Netherlands, UK, Denmark, Belgium, Italy & France; *Hobb:* Chess and indoor games; *Add*: Dept. of Economics, Karnatak Univ., Dharwar.

MHAISEKAR, G. R.—Principal, Yeshwant Mahavidyalaya, Nanded since 1963; *b* 14 December 1923 at Hadgoan in Dist. Nanded; *Edn:* M.Sc. (Org Chem) in 1948 & LL.B. in 1958 from Osmania Univ.; *Resch Exp:* In working on chemical analysis of natural fish repellants; *Exp:* Govt. Chelipura High School for 5 months; Osmania Univ. for one year; Govt. College of Arts & Science, Aurangabad 1950-63; Principal, Yeshwant Mahavidyalaya, Nanded since 1963; *Mem*: Academic Council, Court, Executive Council of Marathawada Univ., Dean of Faculty of Science, member of Governing Councils of several Colleges in Maharashtra; *Knows:* Marathi, Urdu, Hindi & English; *Hobb*: Study of historical sources; *Add:* Yeshwant Mahavidyalaya, Nanded.

MISHRA, (Dr.) Adya Prasad—Prof. & Head, Dept. of Sanskrit, Allahabad Univ. since September 1967; *b* 21 March 1921 at Jaunpur; *Edn:* M.A. (Sanskrit) in 1945 from Allahabad Univ., Shastri (Sahitya) in 1946 from Govt. Sanskrit College, Banaras; D. Phil. in 1946 (Shankara Vedanta) from Allahabad Univ.; *Resch Exp:* Submitted thesis for D. Litt. on 'Shridhara Swami'; *Pub:* Books on Kalidasa—Sahityam, Pancamrtam, Sankhyatattva Kaumudi—Prabha, Sankhya Darshan ki Aitihasika Parampara, Sankhya Darshan ki Saiddhantika Parampara, Development & Place of Bhakti in Shankara Vedanta, besides numerous papers; *Exp:* St. Andrews College, Gorakhpur 1947-48; Saugar Univ. 1948-51; joined Allahabad Univ. in 1951 and held different positions; *Mem*: Faculty, Board of Studies, Academic Council & Court of Allahabad Univ., Secy. of Sanskrit Parishad 1953-56; *Add*: Dept. of Sanskrit, Allahabad Univ., Allahabad.

MISHRA, (Dr.) Bhagirath—Head, Dept. of Hindi, Univ. of Saugar since 1965; *b* 20 July at Saintha in Dist. Kanpur; *Edn:* M.A. (Hindi) in 1941 with first class first & Ph.D. (Hindi Poetics) in 1945 from Lucknow Univ. winning All India prizes; *Resch Exp:* For past 25 years guiding Ph.D. and D. Litt. students; *Pub*: Books on Hindi Kavyashastra ka Itihas, Sringar Manjari (edited), Tulsi Rasayan, Hindi Reeti Sahitya, Kavyashastra, Kala-Sahitya aur Samiksha, Nam Deva ki Hindi Padawali (edited), Niranjani Sampraday ke Hindi Kavi aur Tulsidas Niranjani, Nirala ka Kavya, Sahitya Sadhana aur Samaj, Adhyan etc; *Exp:* At Lucknow, Poona and Saugar Univ.; *Mem:* President (1967) and Genl. Secy. (1960) of Bhartiya Hindi Parishad; Life Member of Nagari Pracharini Sabha, Linguistic Society of India, Bhandarkar Institute; *Genl:* Composed about 500 poems in Brajbhasha and Hindi; *Knows*: Hindi, English, Marathi, Urdu and Sanskrit; *Add*: Dept. of Hindi, Saugar Univ., Sagar.

MISHRA, (Dr) Bhagwan Din—Asstt. Prof., Dept. of Philology & Linguistics, Univ. of Saugar, Sagar since November 1967 ; *b* 3 January 1938 at Vill. Parsaunda in Dist. Banda ; *Edn :* M.A. (Hindi) in 1960 from Allahabad Univ. & M.A. (Linguistics) with first class first from Lucknow Univ.; Ph.D. in 1967; *Pub;* Contributed to Hindi Vishwakosh besides numerous articles in Bhasha, Bundel Bhumi, Jyoti, Kalyan, Dharmyug, Dipshiksha etc. ; *Exp :* Lucknow Univ. 1961-64 ; K.K. Degree College, Lucknow 1965-66 ; M.B. Degree College, Haldwani 1966-67 ; G.S. Degree College, Sultanpur 1967 ; *M m :* Bhartiya Hindi Parishad ; *Knows :* Hindi, English & Sanskrit ; *Genl :* Declared best student in M.A. in 1961 in Lucknow Univ. ; also working for D. Litt. ; *Add :* Vill & P.O. Parsaunda, Dist. Banda, U.P.

MISHRA, (Dr.) Lakshmi Kant—Principal, Chandradhari Mithila College, Darbhanga since 1957; *b* 16 September 1921 at Mishrapur in Dist. Bhagalpur; *Edn:* M.Sc. (Chem) in 1943 from Patna Univ. & Ph.D. (Org Chem) in 1953 from Durham Univ., UK.; *Resch Exp:* For several years on Synthetic Chemistry; *Pub:* A Text book on Madhyamik Karbanic Rasayan and a paper on Synthesis of Aza-Steroid; *Exp:* T.N B. College, Bhagalpur 1943-50; Ranchi College, Ranchi 1953-57; *Mem*: Syndicate, Academic Council, Faculty of Science of Bihar Univ.; Dean of Faculty of Science; *Knows*: Hindi, English, Sanskrit, Maithili & Bengali; *Visited:* UK, France, Germany, Switzerland etc.; *Add:* C.M. College, Darbhanga.

MISHRA, (Dr.) Sharad Kumar—Sr. Research Associate in Centre of Advanced Study in Geology, Univ. of Saugar since December 1965; *b* 3 January 1937 at Jabalpur; *Edn*: M. Tech. in 1960 with first class first & Univ. Gold Medal from Univ. of Saugar & Ph.D. (Sedimentology) in 1964 from Univ. of Edinburgh; *Resch Exp:* For 5 years; *Pub:* Various papers in international journals; *Exp*: Univ. of Saugar 1960-61; Univ. of Edinburgh 1961-64; Oil & Natural Gas Commission, Dehradun 1964-65; *Mem:* Economic Palaeontologists & Mineralogy (USA), International Association of Sedimentology (Holland), Geological Association of India; *Knows*: Hindi, English, German & French; *Visited*: UK 1961-64; *Hobb*: Bridge; *Add*: Centre of Advanced Study in Geology, Univ. of Saugar, Sagar.

MISRA, (Dr.) Ajodhya Nath—Head, Dept. of Psychology, S.C. College, Ballia since September 1958; *b* 5 December 1926 at Sumerganj in Dist. Barabanki; *Edn*: M.A. (Psy) in 1957 from BHU & Ph.D. in 1966 from Gorakhpur Univ.; *Resch Exp:* In Correctional Administration in Jails of U.P.; mental ability norms of primary school children through human figure drawings; *Pub*: Several papers outlining ability tests for different age groups; *Exp*: Started with S.C. College, Ballia; *Mem*: Indian Psychological Association, Board of Studies of Gorakhpur Univ.; Paper-setter, Examiner for Degree classes since 1960; *Knows*: Hindi & English; *Add*: Vill. Sumerganj, P.O. Ramsanehighat, Dist. Barabanki.

MISRA, (Dr) Atmanand—Principal, College of Education, Saugar since October 1967 ; *b* 1 September 1913 at Pitamberpur in Dist. Bareilly ; *Edn* : M.A. (English) in 1938 from S.D. College, Kanpur ; B.T. in 1940 from BHU ; D. Litt. (Education) in 1959 from Saugar Univ. ; *Resch Exp :* For 15 years in the field of education, guiding several Ph. D. students ; *Pub :* Educational Finance in India, Financing of Indian Education, Shikshan Kala, Bhugol Shikshan Paddhati, Suggestions for Young Teachers, Maje me to Hain ?, Namaste, Jo Hai So, Be Baat ki Baat etc. ; *Exp :* Prof. Spence Training College, Jabalpur 1946-53 ; Principal, Prantiya Shikshan Mahavidylaya, Jabalpur 1953-62; Principal, Regional College of Education, Bhopal 1962-65 ; Director of Public Instruction, M.P. 1965-67 ; *Mem :* Chairman, State Board of Educational Research, member of several Univ. bodies ; *Knows :* Hindi, English, Urdu & Marathi ; *Hobb :* Writing humorous articles in Hindi ; *Add :* Sumitra Sadan, 106/392, P' Road, Gandhinagar, Kanpur.

MISRA, (Dr) Baidyanath—Prof. of Economics, Orissa Univ. of Agri. & Techy., Bhubaneswar since 1961 ; *b* 22 November 1924 at Dibyasinhapur in Dist. Puri ; *Edn :* M.A. (Econ) in 1948 with first class first from Allahabad Univ., A.M. in 1953 from Univ. of Pennsylvania & Ph. D. in 1963 from Utkal Univ. ; *Resch Exp :* For about 20 years ; *Pub :* Book on Fiscal Policy in the context of Planning besides several research articles ; *Exp :* Ravenshaw College, Cuttack 1949-61 ; *Mem :* All India Agrl. Economic Society, Secy. State Youth Welfare Board (Orissa), Secy. Sahitya Cttee (Gandhi Centenary) ; *Knows :* English & Oriya ; *Visited :* USA & UK, France, Bulgaria, Belgium, Germany, Italy, Switzerland etc. for sightseeing and study ; *Hobb :* Photography & gardening ; *Add :* Dept. of Economics, O.U. of Agri. & Techy., Bhubaneswar.

MISRA, Bijoyanand—School of Planning & Architecture, New Delhi since October 1966 ; *b* 15 October 1935 at Cuttack ; *Edn :* M.A. (Geog) in 1955 with first class first from Patna Univ., P.G. Dip. in Town & Country Planning in 1966 from School of Planning & Arch., New Delhi ; *Resch Exp :* In the field of Economic Resources of the Mahanadi Valley in Orissa and the impact of Hirakud Dam on their exploitation ; *Pub :* Papers on Urban infections and Renewal, Optimum size for an Indian city ; *Exp :* Planning & Research Officer, D.V.D.S., Planning Commission, Govt. of India, New Delhi 1959-64 ; *Mem :* American Society of Planning Officials, Institute of Planners (India), Association of Indian Geographers ; *Knows* : English, Hindi, Oriya & Bengali ; *Hobb :* Classical music; *Add:* School of Planning & Architecture, Indraprastha Estate, New Delhi-1.

MISRA, (Dr) Braja Nath—Principal, M.S. Law College, Cuttack since July 1966 ; *b* 9 November 1930 at Darbhanga ; *Edn :* LL.M. in 1960, & Ph. D. (Comparative Constitutional Law) in 1966 from Univ. of London ; *Resch Exp :* Research Officer of the Commonwealth Section of the British Institute of International & Comparative Law, London 1964-66 ; *Pub :* Books on An Indemnity for the Cost of Litigation in Australia, Liability of Shipowners in Queensland ; *Exp :* Lecturer, M.S. Law College, Cuttack 1956-60 ; *Mem :* Senate & Academic Council of Utkal Univ.; *Knows :* English, Hindi, Bengali & Oriya ; *Visited* : U.K.; *Add :* M.S. Law College, Cuttack.

MISRA, (Dr) Gadadhar—Head, Dept. of Botany, Ravenshaw College, Cuttack since December 1961 ; *b* 27 November 1923 at Puri ; *Edn :* M.Sc. in 1946 & D Phil. in 1953 from Allahabad Univ. ; Dip. in German in 1954 from Utkal Univ. ; *Resch Exp :* For 20 years ; *Pub* : Books on Essentials of General Studies, General Knowledge, Laboratory Notebook in Biology, Bibidha Masala, Vijnan Rahesya, Vijnan Manjusha, Vaigyanik C.V. Raman etc. besides about 60 papers ; *Exp* : Lecturer 1946-55, Reader 1955-61 and Head of Dept. of Botany since 1961 at Ravenshaw College ; *Mem* : Fellow of Indian Botanical Society, Indian Science Congress, National Academy of Sciences of India besides several Univ. bodies ; *Knows* : Hindi, English, Oriya and German ; *Add:* Professorpada, P.O. College Square, Cuttack-3.

MISRA, (Dr) Girja Shankar—Head, Dept. of History, Lucknow Univ. since July 1963 ; *b* 15 December 1921 at Lucknow ; *Edn* : M.A. (Western History) in 1942 & Ph. D. (Repercussions of British Foreign Policy upon the politics of E.I. Company) in 1955 from Lucknow Univ. ; *Pub* : Books on British Foreign Policy & Indian Affairs, The Tudor Age etc. ; *Exp* : Joined Lucknow Univ. in 1944 ; *Mem* : Executive Cttee of U.P. Historical Society, President of Western History Study-Circle, Patron of Indo-American Society, U.P. Regional Records Cttee. ; *Knows* : English, Hindi & French ; *Visited :* UK ; *Hobb* : Hiking and hunting ; *Add :* Dept. of Hi tory, Lucknow Univ., Lucknow.

MISRA, Gopinath—Principal, Atal Behari College, Basudevpur since 1966 ; *b* 10 October 1928 at Uttarkul Sasana in Dist, Cuttack ; *Edn* : M.A. (Oriya) in 1950 standing 2nd in the Utkal Univ. ; *Resch Exp :* Collecting datas about spread of Buddhism in North Eastern Orissa ; *Pub* : Ten articles on critical aspects of Oriya literature ; *Exp* : S.K.C.G. College, Parlakimedi 1950-57 ; F.M. College, Balasore 1957-63; NCC Officer under Ministry of Defence 1963-66 ; *Mem* : F.M. Sahitya Parishad; Academic Council, Board of Studies & Senate of Utkal Univ.; *Genl* : Held a large variety of positions and travelled throughout India; *Knows* : Oriya, Bengali, Hindi, Telugu & English ; *Hobb* : Writing poems, short stories and received trophies for it ; *Add :* P.O. Uttarkal, Via Tyendakura, Cuttack.

MISRA, (Dr) Lalmani—Prof. in Charge, Sangeet Mahavidyalaya, BHU since November 1967 ; *b* 11 August 1924 at Kanpur ; *Edn ;* M.A. (Hindi) in 1961 from Agra Univ., Ph. D. (Art & Archi.) in 1966 from BHU; M. Music (Vocal) in 1943 & Doctor of Music (Veena in 1956 from A.B.G.M.V. Mandal, Bombay ; *Resch Exp :* Guiding research work for past 6 years ; Ph. D. thesis on 'Sangeet Vadyon ka Prayogatmak Evam Swarupatmak Vivechan'; *Pub :* Papers on Shruti Veena, Hindu Music, Indian Orchestration, Indian Folk Music etc. ; *Edn :* K. K. College, Kanpur ; Subhash College, Unnao ; Gandhi Music College, Kanpur ; College of Music, BHU ;*Mem :* Council member of A.B.G.M.V. Mandal, Bombay; member of Academic Council, Faculty, Board of Studies at Universities. *Knows :* Hindi, Bengali, Marathi & English ; *Visited :* Ceylon, England, France, Belgium, USA & Canada as Music Director of Uday Shankar's Troup ; *Hobb* : Reading Indian and foreign literature ; *Add* : Sangeet Mahavidyalaya, BHU, Varanasi.

MISRA, (Dr) Panchanand—Head, Dept. of History, Bhagalpur Univ. since 1963 ; *b* 15 December 1929 at Bhagalpur; *Edn :* M.A. (History) in 1950 from Patna Univ., M.A. (History) in 1963 from Univ. of Pennsylvania ; Ph.D. (Aspects of Indian Constitution in the Making) from Bhagalpur Univ. ; *Pub* . A book on 'The Making of the Indian Republic' ; *Honours :* Awardee of Fulbright Smithmundt Scholarship ; *Exp:* Started with Bhagalpur Univ.; *Knows :* English, Hindi & Sanskrit; *Visited :* USA ; *Add :* Dept. of History, Bhagalpur Univ., Bhagalpur.

MISRA, Ram Nath—Principal, Shri Gandhi Smarak College of Physical Education, Samodhpur, Jaunpur since July 1957; *b* 4 January 1930 at Sujawal Pur in Dist. Sitapur; *Edn*: M.A. (Hindi) in 1962 from BHU, Sahitya Ratna in 1962 from Hindi Sahitya Sammelan, B.Ed. in 1965 from Gorakhpur Univ., D.P. Ed. in 1957 from Lucknow Univ.; *Resch Exp*: In Yoga asanas; *Pub*: Book on Indian Exercises and Darshan; *Exp*: Started at S.G.S. College of Physical Education, Samodhpur; *Mem*: Chairman, Gymnastic Club of Samodhpur—Jaunpur, U.P. Association of Physical Education, Indian Association of Physical Education; *Genl*: Attended many Social Service Camps; passed the Scouting & Advanced Scout Master's Course; *Knows*: Hindi, English, Urdu & Gujarati; *Add*: S.G.S. College of Physical Education, Samodhpur—Jaunpur.

MISRA, (Dr.) Ramdeo—Prof. & Head, Dept. of Botany, BHU since 1955; *b* 26 August 1908 at Vill. Dobhi in Dist. Jaunpur; *Edn*: M.Sc. (Bot) in 1931 with first class first from BHU; Ph.D. (Plant Ecology) in 1938 from Univ. of Leeds; *Resch Exp*: For about 40 years; *Pub*: Books on Indian Manual of Plant Ecology, Ecology Workbook, Biology, Vanaspati Swalekh aur unka Rahasyodghatan, Ecology etc besides numerous articles; *Honours*: Birbal Sahni Gold Medal (1966) of the Indian Botanical Society; *Exp*: BHU 1931-38; T.N.J. College, Bhagalpur 1938-40; BHU 1940-46; Univ. of Saugar 1946-55; *Mem*: Fellow, Indian Botanical Society, National Academy of Sciences, National Institute of Sciences, World Academy of Arts & Science; represented India at IUBS General Assembly (Rome), Chief Editor of Tropical Ecology, member of other Govt. Cttees; *Visited*: UK, Egypt, Italy & Europe, USA, Canada & Japan; Bulgaria in 1968 as Govt. of India delegate; *Add*: Dept. of Botany, BHU, Varanasi.

MISRA, (Dr.) Rameshwar Prasad—Head, Dept. of Geography, Univ. of Mysore since April 1965; *b* 5 September 1930 at Vill. Hanumanpur in Dist. Pratapgarh; *Edn*: M.A. (Geog) in 1954 from Allahabad Univ., M.A. (Econ) in 1961 from Agra Univ. & Ph.D. in 1964 from Univ. of Maryland, USA; *Resch Exp*: For 15 years in Applied Economic Geography, Regional Planning, Area Development, Cartography & Agricultural planning; *Pub*: Books on Diffusion of Agricultural Inovations, Regional Development & Planning, Fundamentals of Cartography besides about 15 papers; *Honours*: Awarded Fulbright Grant, U.S. National Science Foundation Grants; *Exp*: Lok Sabha Secretariat, New Delhi 1955-57; National Atlas Organisation 1957-60; BHU 1960-61; Univ. of Maryland & Washington 1961-1964; *Mem*: Indian Council of Geographers, Deccan Geographical Society; *Knows*: Hindi, English, German & Spanish; *Visited*: USA, Mexico, Japan, Canada, UK, France, Low Countries, Greece & Italy; *Add*: 45, North Malaka, Allahabad.

MISRA, S P.—Prof. & Head, Dept. of English & Dean, Faculty of Arts, Gorakhpur Univ. since 1957; *b* 2 July 1921 at Fyzabad; *Edn*: M.A. (English) in 1942 from Lucknow Univ. & M.A. (English) in 1953 from Minnesota Univ., USA: *Resch Exp*: In the writings of Ralph Waldo Emerson; *Pub*: Several research papers; *Honours*: Recepient of Jhallawar Maharaja Gold Medal and merit scholarships in India and USA; *Exp*: Lucknow Univ. 1943-57; *Visited*: UK, USA, France, Switzerland and Italy; *Add*: Dept. of English, Gorakhpur Univ., Gorakhpur.

MISRA, (Dr.) Satya Deva—Centre of Advanced Study in Madras University since March 1968; *b* 11 November 1942 at Balrampur in Dist. Gonda; *Edn*: M.A. (Sanskrit) in 1961 with first class first & Ph.D. in 1964 from Gorakhpur Univ.; *Resch Exp*: Ph.D. on 'Critical & Comparative Study of the different sub-schools of Abhasavada in Samkaradvaitism'; doing D.Litt. on Contributions of Nrisimhasrama—Padacarya Advaita Vedanta; *Pub*: 15 papers; *Honours*: The Ph.D. thesis widely applauded as a great advance in the cause of vedantic studies; *Exp*: at Gorakhpur Univ. during 1961-68; *Genl*: Received three scholarships and fellowship for research; *Knows*: English, Hindi, Sanskrit, Bengali, Pali & Prakrit; *Hobb*: Chess and playing cards; *Add*: Jyotish Karyalaya, Terhi Bazar, Balrampur, Gonda, U.P.

MISRA, (Dr.) Sheo Gopal—Asstt. Prof., Agrl. Chem., Univ. of Allahabad since 1956; *b* 13 September 1931 at Narauli in Dist. Fatehpur; *Edn*: M.Sc. (Agrl Chem) in 1952 with first class first & D.Phil. in 1954 on Formation of Acid and Alkali Salts, from Allahabad Univ. & Sahitya Ratna in 1952 from Hindi Viswavidyalaya, Allahabad ; *Resch Exp:* Guiding several students for Ph.D., D.Phil. and D.Sc. degrees, working in Agrl. Chemistry for past 18 years; *Pub*: Books on Adhunik Rasayan, Rasayan Vigyan ki Ruprekha, (2 volumes), Vidayalaya Rasayan, Bharatiya Krishi ka Vikas, Krishi Shastra ki Ruprekha, (4 Volumes), Navin Krishi Shastra (2 volumes) besides edited the Satyawati, Madhumalati, Mrigawati, Dangawai katha etc., as also countless popular articles; *Exp*: Started with Allahabad Univ.; *Mem*: National Academy of Sciences, Kashi Nagari Pracharini Sabha etc.; *Genl:* Editor of 'Vigyan' and Mg. Editor of Vijnana Parishad Anusandhan Patrika'; *Knows*: Hindi, English, Urdu, Bengali, French & Russian; *Hobb*: writing on Awadhi literature and archaeology; *Add*: 25, Ashok Nagar, Allahabad.

MISRA, (Dr.) Shiv Kumar—Asstt. Prof. in Hindi, Saugar Univ. since 1959; *b* 2 February 1931 at Kanpur; *Edn*: M.A. (Hindi) in 1952 from D.A.V. College, Kanpur & Ph.D. from Saugar Univ.; *Resch Exp*: Working for D. Litt.; guiding several research projects; *Pub*: Books on Naya Hindi Kavya, Pragtivad, Adhunik Kavita aur Yug Drishti besides many papers; *Exp*: Started at Saugar Univ.; *Mem*: Bhartiya Hindi Parishad; *Knows*: English & Hindi; *Add*: C—45, Gour Nagar, Univ. Campus, Sagar, M.P.

MISRA, (Dr.) Shri Dev—Prof. & Head, Dept. of Geography, Vikram Univ. since September 1961; *b* 2 December 1932 at Mathura; *Edn:* M.A. (Geog) in 1952 from St. John's College, Agra; M.Sc. (Geog) in 1958 from London School of Economics & Politics & Ph.D. in 1962 (thesis on Social Geography) from Univ. of London; *Resch Exp*: For 16 years in geography, anthropology & sociology; *Pub*: About 30 articles in Indian & foreign journals like Societe de Geographie D'Egypte (Le Caire), International Geography Congress (Sweden 1960), Journal of Geography (S. Africa), MAN (London 1955), Pakistan Review, Oriental Geographer (Dacca); *Honours*: Delivered Extension Lectures to I.P.S. Refreshers during 1963 65 & at Universities of Andhra, Hyderabad & Kolhapur; *Exp*: Univ. of Nagpur 1952-56; Univ. of Jabalpur 1958-59; Univ. of Madras 1959-61; *Mem*: Vice President, Deccan Geographical Society (1964-67); Member, Secy., Treasurer & Editor, Indian Geographical Society (Madras); Geographical Societies at London, New York & Washington; International Geographical Congress (New Delhi), Indian Science Congress; *Genl*: His father participated actively in the freedom struggle and the family had near relations with top leadership of India; *Knows*: English, Hindi & French; *Visited*: UK, France & Germany; *Add*: c/o Prof. P.L. Misra, President, Dist. Congress Cttee, 312, Kotwali Road, Mathura. U.P.

MITAL, (Dr) Karmavir—Dept. of Maths., Univ. of Roorkee since 1950; *b* 11 November 1918 at Muzaffarnagar; *Edn*: M.Sc. (Physics) in 1940 & M.Sc. (Maths) in 1941 from Allahabad Univ., Ph.D. (Maths) in 1966 from Roorkee Univ.; *Pub*: Books on Mensuration for Technical Students, Practical Mechanics, Theory of Elasticity, Numerical Solution of Shallow Shells besides number of papers; *Exp*: Mahakoshal Mahavidyalaya, Jabalpur 1945-50; *Mem*. Society of Industrial & Applied Mathematics, USA; *Knows*: English & Hindi; *Visited*: USA during 1964-65 for computer training and research; *Add*: Dept of Maths., Roorkee Univ., Roorkee.

MITAL, (Dr.) R. L.— Reader in Org. Chemistry, Univ. of Rajasthan since October 1964; *b* 27 August 1926 at Narnaul in Punjab; *Edn*: M.Sc. (Chem) in 1949 & Ph.D. in 1956 from Univ. of Rajasthan; *Resch Exp* : For past 20 years; *Pub*: About 45 papers in foreign and Indian journals; *Exp*: For past 20 years at Maharaja's College, Univ. of Rajasthan, Jaipur; *Mem*: Indian Chemical Society, Indian Science Congress, I.A.C.S. (Calcutta); *Knows*: English, Hindi & Urdu; *Hobb*: Swimming; *Add*: Dept. of Org. Chem., Univ. of Rajasthan, Jaipur.

MITAL, (Dr.) Surendra Nath—Lecturer, Dept. of Pol. Sc., Allahabad Univ. since 1962; *b* 13 April 1924 at Gomat in Dist. Aligarh; *Edn*: M.A. in 1945 and D. Phil. in 1957 from Allahabad Univ.; *Resch Exp*: Working for D. Litt.; *Pub*: A book on Samaj aur Rajya; *Exp*: Vidya Bhawan Rural Institute for 4 months; for 8 years at Allahabad Univ.; *Knows*: Hindi, Sanskrit & English; *Hobb*: Study and social work; *Add*: Dept. of Pol. Sc., Allahabad Univ., Allahabad.

MITHAL, (Dr.) Bijeyendra Mohan—Prof. & Head, Dept. of Pharmacy, B.I.T.S., Pilani since July 1967; *b* 9 October 1928 at Meerut; *Edn*: M.Pharm. in 1948 from BHU, Ph D. in 1956 from Rajasthan Univ., M.P.S. in 1957 from Pharmaceutical Society of UK. *Resch Exp*: For 20 years; *Pub*: 3 books and 15 papers; *Exp*: Birla College, Pilani 1950-56; Branch Manager of Grays Co-op. Chemists, London 1957-58; joined Birla College, Pilani in 1959 and held different positions; *Mem*: Pharmaceutical Society, G.B.; Institute of Pharmacy Management, London; *Knows*: English & Hindi; *Visited*: UK 1956-57; *Add*: Dept. of Pharmacy, B.I.T.S., Pilani.

MITHAL, (Dr.) H.S.D.—Reader in English, Roorkee Univ. since March 1967; *b* 2 August 1916 at Aligarh; *Edn*: M.A. (History) in 1938, LL.B. in 1939 & M.A. (English) in 1940 from Meerut College, Meerut; L.T. in 1944 from Govt. Training College, Allahabad & Ph.D. (English) in 1959 from the Shakespeare Institute, UK; *Pub*: About 15 papers; *Honours*: Correspondent for India of 'Shakespeare Survey' during 1960-66 and the only Indian to receive this distinction; *Exp*: Meerut College, Meerut 1945-59; Birla College, Pilani 1959-60; D.S.B. Govt. College, Nainital 1960-67; *Mem*: Indian Association for English Studies; *Genl*: Interested in stage-production of plays; *Visited*: UK; *Knows*: Hindi, English, Urdu & French; *Add*: 19, Ismailnagar, Meerut.

MITHAL, (Dr.) Rajendra Singh—Head, Dept. of Geology & Geophysics, Univ. of Roorkee since November 1958; *b* 5 June 1919 at Meerut; *Edn*: M.Sc. (Geol) in 1941 from BHU; Ph.D. (Petrology) in 1952 & D.I.C. (Structural Geol) from Imperial College of Science & Technology, London; *Resch Exp*: For 25 years; several students received their Ph.D. under his guidance; *Pub*: 12 Research papers on subjects of Earthquakes of Ganga—Brahmputra region, seismicity of Barauni, behaviour of soils during Seismic disturbances, structure, and physiographic evolution of the Himalayas etc.; *Exp*: BHU, Oil & Natural Gas Commission; *Mem*: Vice-President of Indian Society of Earthquake Technolog; member of Bureau of International Association of Engineering Geology (Paris), International Geological Congress (Prague), Sub-Cttee of I.S.I. and other Univ. bodies; *Visited*: UK and France; *Knows*: Hindi, English & German; *Hobb*: Walking and reading; *Add*: Dept. of Geology & Geophysics, Roorkee Univ., Roorkee.

MITHUJI, Gustasp Framroze—Research Officer & Prof. of Vety. & Poultry Science, Anand since 1966; *b* 25 September 1928 at Bombay; *Edn*: M.S. (Poultry Nutrition & Pathology) in 1964 with first class from Kansas State College, USA; *Resch Exp*: For 10 years; *Pub*: Some Newer findings in Leukosis and Marek's Disease, Current trends in Indian poultry nutrition, Ideal Poultry Raising, Hematological Studies in Kankrej Cows etc.; *Exp* Aarey Milk Colony; joined Institute of Agriculture, Anand in 1957 and held different positions; *Mem*: Poultry Science Association, Gamma Sigma Delta; *Knows*: English, Gujarati, Hindi & Marathi; *Visited*: USA for further education; *Hobb*: Reading and swimming; *Add*: c/o Institute of Agri., Anand.

MITRA, (Dr.) Bhupendra Nath—Ex-Colonel, Chemist; *b* 26 January 1905 at Outshahi; *Edn*: D.Sc., Dacca Univ., Ph.D. from Minnesota Rockefeller Foundation Fellow 1936-37; *Resch Exp*: In Chemistry, Univ.; biochemistry, bacteriology and armament technology; *Exp*: Commissioned in Indian Army 1940-55; Asstt. Director General, C.S.I.R. 1958-59; Director, Regional Research Laboratory, Jorhat 1960-64; Director, Central Indian Medicinal Plants Organisation, Lucknow 1964-65; since then Emeritus Scientist, Indian Institute of Experimental Medicine, Calcutta; *Mem*: Royal Institute of Chemistry, Society of Sigma Xi, delegate to various international conferences; *Visited*: USA and Western Europe; *Pub*: Several articles and research papers, author of Military Explosive PEK and of indigenous ammunition for some guns now in production in India; author of Chemical Classification of Cholera; *Add*: 83/1A, Ballygunge Place, Calcutta-19.

MITRA, (Dr.) S. M.—Director General, Birla Research Institute for Applied Sciences, Birlagram, M.P. since 1964; *b* 7 January 1909; *Edn*: D.Sc. & Ph.D.; educated at Dacca, Calcutta, London, Manchester & Paris; *Exp*: Prof. & Head, Dept. of Physics, Dacca Univ. 1948-55; Dean, Faculty of Science, Dacca Univ. 1949-55; Dean, Faculty of Science, Rajasthan Univ.

1957-63; Principal, Birla College of Science, Commerce & Pharmacy, 1955-63; *Mem*: President, Pakistan Science Congress-Physics Section 1955; President, Rajasthan Academy of Science 1957-63; Vice President, Birla Gliding Club 1960-63; *Visited*: UK USA, USSR etc. on lecture and study tours; *Hobb*: Flying, gliding and gardening; *Add*: Birlagram, Nagda, M.P.

MITRA, (Dr.) Somendra Nath—Regional Botanist. Indian Botanic Garden. Howrah & Dy. Director since 1966; *b* 17 March 1919 at Calcutta; *Edn:* M.Sc. (Botany) in 1943 from Calcutta Univ. & Ph.D. in 1967 from Reading Univ., UK; *Pub:* several papers on Ecology, Horticulture, Floristic subjects like cultivation of pot plants. morphogenesis in chrysanthemum, Eriocaulon Luzulaefolium, megaspere and female gametophyte etc.; *Exp:* Jagannath Inter College, Dacca; Univ. of Calcutta; for 24 years in Botanic Gardens and held different positions; Visiting Prof. to Calcutta Univ.; *Mem:* Fellow, Royal Horticultural Society (London); member, Indian Agricultural Society, Indian Horticultural Society, Botanical Society of Bengal, Indian Science Congress, founder member of Indian Museology Association; several Univ. bodies; *Knows:* Bengali, Sanskrit, Hindi, Nepali, English, German & Latin; *Visited:* UK; *Hobb:* Photography and trekking; *Add:* Indian Botanic Gardens, Howrah-3.

MITTAL, Jitendra Kumar—Dept. of Law, Allahabad Univ. since 1960; *b* 31 December 1933 at Najibabad in Dist. Bijnor; *Edn:* LL. M. (Constitutional Law) in 1965 form Univ. of Singapore; *Pub:* Text books on Indian Legal History, An Introduction to Indian Legal History (2nd edition); several articles; *Exp:* Legal Practitioner at Allahabad High Court 1959-60; Asstt. Lecturer in Law at Univ. of Singapore 1962-63 and 1964; *Genl:* Several books like Case Book on Indian Fundamental Rights, An Introduction to Indian Constitutional History, Indian Constitution, Indian Administrative Law etc. under preparations; *Visited:* Singapore 1962-64, UK during 1967-68; *Hobb:* Writing, reading, travel photography and indoor games; *Knows:* Hindi & English; *Add:* 436, Subhash Nagar, Allahabad-2.

MITTAL, (Dr.) Suraj Chandra—Principal, S.M.College, Chandausi since July 1965; *b* 21 March 1925 at Chandpur in Dist. Bijnor; *Edn:* M.A. (Maths) in 1945 with first class first from Meerut College, Meerut; Ph.D. (Operational Calculus) in 1959 from Agra Univ.; *Pub:* Many books from Intermediate standard upto M. Sc. standard, papers on Some results of Generalised K-Function, Integral Involving Ultraspherical Polynomials, Inversion Formulae etc.; *Exp:* D.A.V. Inter College, Muzaffarnagar 1945-49; Hindu Inter College, Moradabad 1949-50; Meerut College, Meerut 1950-57; Head of Maths. Dept., S.M. College, Chandausi 1957-65 and Principal since 1965; *Mem:* Calcutta Mathematical Society, Indian Mathematical Society; Senate, Board of Agra Univ.; *Knows:* Hindi & English; *Add:* S.M. College, Chandausi.

MODI, P.K.—Principal, Govt. Sanskrit Degree College, Indore since May 1961; *b* 24 March 1922 at Gangai, Dist Narsingpur; *Edn:* M.A. (Sanskrit) in 1945 from Morris College, Nagpur; *Resch Exp:* in life and teachings of Parswanath and in the philosophy of Kund Kundacharya; *Pub:* Karalakhanam, Pasnashchariu; *Honours*. Awarded Gold & Silver medals at Degree examination, *Exp:* King Edward College, Amraoti; Morris College, Nagpur; Robertson College, Jabalpur; T.R.S College, Rewa; *Mem*: Executive Council of Indore Univ.; *Knows:* Hindi, English, Prakrit, Apabhramsa & Marathi; *Add:* Govt. S. D. College, Indore.

MODI (Dr.) Vinod V.—Head, Dept. of Microbiology, Baroda since 1964; *b* 10 May 1929 at Baroda; *Edn:* M.Sc. (Org Chem) in 1951 from Univ. of Baroda & Ph.D. (Bio-chem) in 1955 from Univ. of Liverpool; *Resch Exp:* For about 12 years; *Pub:* 30 research papers in reputed foreign journals; *Exp:* Joined Baroda Univ. 10 years back; *Mem:* President, Association of Microbiologists, Baroda Unit; Member Executive Cttee of Biological Chemists of India; *Knows:* English, Hindi, Gujarati & Marathi; *Visited:* UK & USA for studies and research; *Add:* Ketki Baug, Pratapgunj, Baroda-2.

MODI, Vithal Das—Editor & Medical Practitioner; *b* in 1913 at Gorakhpur; *Edn:* Failed in B.A.; *Pub:* Books on Rogon ki Saral Chikitsa, Jeene ki Kala, Yurop Yatra, Kashmir men Pandrah Din; editor of Arogya for the last 22 years; *Mem:* Vice President, All India Prakrtik Chikitsa Parishad; Director of Arogya Granthamala which has published 17 books so far; *Visited:* Nature Cure Institutions in UK, France, Switzerland, Italy & Germany; *Knows:* Hindi, English & Gujrati; *Hobb:* Photography & physical culture.

MODY, Rustum Kaikhusroo—Principal & Secretary. Victoria Jubilee Technical Institute, Bombay since 1959; *b* 10 February 1919 at Bombay; *Edn:* M.Sc. (Tech) in 1953 from Manchester College of Science & Techy., U.K.; *Resch Exp:* For 15 years; *Pub:* Many articles on subjects like Ultra-violet fluorescent photography of textile fibres, macro-molecular fibres structure, importance of standards, textile machinery manufacture in India etc.; *Exp:* For 19 years at Victoria Jubilee Technical Institute Bombay; *Mem:* Associate of Textile Institute (Manchester), Chartered Textile Technologist, M.I. Prod. E. (London); Editor-in Chief of Scheme for the preparation of Text-Books on Textile Technology; *Knows:* English, French & Gujarati; *Visited:* UK, USA, France, Japan, W. Germany, Switzerland etc. as visiting professor; *Add:* V.J T.I., Mutunga, Bombay.

MOHAMMED, K. P.—Principal, Sullamussalam Arabic College, Areacode since 1964; *b* 1 June 1922 at Valavannor in Dist. Kozhikode; *Edn:* Afzul-ul-ulama in Arabic; *Pub:* Editor of 'Al-Bushra' a monthly in Arabic published in Kerala; *Exp:* M.U.A. College, Pulikal for 2½ years; teaching for 13 years at S.S.A. College, Areacode; *Genl:* Interested in social work; *Knows:* Malayalam and Arabic; *Hobb:* Reading; *Add:* P.O. Valavannor, Via Tirur, Kerala.

MOHAN SINGH—Writer; *b* 20 October 1905 at Mardan in W. Pakistan; *Edn:* M.A. (Persian) in 1932 (2nd in Univ.) from Oriental College, Lahore; *Pub:* Sawe Pattar, Kasumbra, Adhwate, Kach Sach, Awazan, Wadda Vela, Jandre, Nikki Nikki Washna etc.; *Honours:* Govt. Sahitya Akademi Award 1960, Govt. of Panjab Award on Jandre; *Exp:* Khalsa College, Amritsar 1933-39; Sikh National College, Lahore 1940-43; joined Khalsa College Patiala in 1967; *Mem:* Sahitya Akademi (New Delhi), Panjab Sahitya Akademi; President of Kendri Panjabi Lekhak Sabha; *Knows:* Panjabi, Hindi, Urdu, Persian & English; *Hobb:* Chess and walking; *Add:* Madhuban, Pratap Chowk, Jullundur.

MOHAN SINGH, (Dr.)—Dean, College of Veterinary & Animal Science, Bikaner since April 1960; *b* 1 January 1924 at Vill. Ghenri in Dist. Pali in Rajasthan; *Edn:* M.A. (Animal Husbandry) in 1950 & Ph.D. (Vety. Bacteriology) in 1953 from Michigan State College, USA; *Resch Exp:* For 13 years; *Pub:* Papers on subjects like Determination of age of camels by teeth, treatment of Chronic Bovine Mastis, Neomycin, various aspects of camels etc.; *Exp:* Joined College of Vety. & A.B., Bikaner in 1954; *Mem:* Rajasthan Veterinary Association, I.C.A.R. (New Delhi); Executive Cttee, Academic Council of Udaipur Univ etc.; *Visited:* USA 1950-53 for higher studies; USA, Holland, Canada, UK, Japan & Thailand to study the method of education in Veterinary sciences; *Knows:* Hindi, English, Sanskrit & Spanish; *Add:* College of Vety. & Animal Science, Bikaner.

MOHANRAJ, V.G.—Principal, S.M.V.M. Polytechnic, Tanuku since 1959; *b* 22 February 1904 at Bolarum in Dist. Hyderabad; *Edn:* B.E. (Mech) in 1929 from BHU, A.M.I. Struct. E. in 1931 from Institution of Structural Engineers, London; A.M.I.E.E. in 1937 from Institution of Electrical Engineers, London; *Exp:* Govt. Technical College, Hyderabad 1930-59 and retired as Principal; *Mem:* Institution of Engineers, member of Governing bodies of several polytechnics in Mysore state, officiated as Director of Technical Education for Govt. of Andhra Pradesh, member of several Govt. Cttees; *Knows:* English, Urdu, Telugu and Tamil; *Hobb:* Reading and gardening; *Add:* 89, Shamlal Bldgs., Begumpet, Hyderabad-16.

MOHANTY, Lakshmi Narayan—Writer & novelist; *b* 9 January 1919 at Jagannathpur in Dist. Balasore; *Pub:* Novels - Hatakadi, Mayapuri, Pisacha, Pratham Prema, Mala Manisa Katha Kahe, Haranchal, Chakrabyuha; Short stories—Naivedya, Malaya Bahilani, Udanta Boma, Odhana Khola, Gotiye, Andha Deshaku Gali, Deha Neelam Heuchhi, Garale Kalu Adhikari; besides several translations of internationally famous books and collaborator in Gandhi Abatar, Utsab & Naba Badhu etc.; *Honours:* Several prizes from Prajatantra Prachar Samiti, Orissa; *Mem:* Indian P.E.N.; *Genl:* Founder of Jagannath Sahitya Samiti; Secy. of Oriya Writers Co-op. Society Ltd. and editor of Udayan; *Knows:* Oriya, Bengali, Hindi & English; *Hobb:* Editing, drama and cultural activities; *Add:* Police Colony, Tulasipur, Cuttack-1.

MOHAPATRA, (Smt.) Shantilata—Lecturer in History, Gangadhar Maher College, Sambalpur since April 1967; *b* 20 July 1941 at Talpada in Dist. Balasore; *Edn:* M.A. (History) in 1965 from Utkal Univ.; *Pub:* Budham Saranam Gachhami, Ajab Deshare Gouri, Itihas Katha Kahe, translations of Omar Rubayyat etc.; *Exp:* Lecturer, M.S. College, Baramba; Vyasanagar College, Jaipur Road for 10 months; *Knows:* Oriya, Bengali, Hindi. Sanskrit & English; *Hobb:* Cooking and reading; *Add:* Dept. of History, Gangadhar Maher College, Sambalpur.

MOHGAONKAR, Shridhar Krishnarao—Principal, A.E.S. Arts & Commerce College, Hingoli since June 1967; *b* 17 February 1931 at Mohgaon in Dist. Chhindwara; *Edn:* M.Com. in 1953 with first class 3rd from Nagpur Univ.; *Resch Exp:* Working on the Management of Public Enterprises in India; *Exp:* Dr. Ambedkar College of Commerce, Aurangabad for 14 years; *Mem:* Academic Council, Court & Board of Teaching; Chairman of Board of Studies in App. Economics, Ex—Dean of Faculty of Commerce of Marathawada Univ.; *Knows:* Marathi, Hindi, Sanskrit & English; *Hobb:* Reading, swimming and hiking; *Add:* Adarsh Arts & Commerce College, Hingoli.

MOHTEDA, Syed Nurul—Retired Prof. of Parasitology; *b* 18 September 1910 at Aurangabad; *Edn:* G.M.V.C. in 1934 & P.G. Training in 1941 from Madras Vety. College, Madras; Advanced Course in Poultry, Husbandry & Poultry Diseases in 1942 from I.V.R.I, Izatnagar; Training in manufacture of Ranikhet Vaccine in 1952-56 from Vety. College; *Resch Exp:* For 30 years in Diseases of animals, poultry covers etc.; *Exp:* Asstt, Vety. Surgeon in Ex. Hyderabad State 1934-41; Asstt. Disease Investigation Officer, I.C.A.R. 1942-55; Asstt. Disease Investigation Officer, Bombay State 1956-59; Prof. of Parasitology in Nagpur Vety. College 1960-68; *Mem:* Academic Council and other Univ. bodies in Nagpur Univ.; *Knows:* Urdu, English, Arabic & Persian; *Add:* 12-2-837/B, Zeba Bagh, Asifnagar, Hyderabad-28.

MOITRA, Subodh Chandra—Principal, Air Technical Training Institute, Calcutta since 1948; *b* 9 April 1912 at Calcutta; *Edn:* Passed Aircraft Maintenance Engineering in Categories A.B.C.D. & X.; *Resch Exp:* For 8 years with 3 leading aircraft manufacturing organisations in UK as Research & Experimental Inspector; *Pub:* Several valuable technical notes; *Exp:* Founder & Principal of A.T.T.I., Calcutta—the first Aircraft Maintenance Engg. Training College in India; *Mem:* Association of Principal's of Tech. Institutions in India; *Genl:* Technical Editor of 'Indian Aviation'—the oldest aviation monthly in India; *Knows:* Bengali, Hindi, English & Sanskrit; *Visited:* UK during 1933-39 for training and studies in aircraft organisations; Ceylon during 1939-42 as Aircraft Maintenance Engineer; *Add:* Air Technical Training Institute, 6, The Mall, Dum Dum, Calcutta.

MOOKERJEE, (Dr.) Girija K.—Visiting Prof., I.S.I.S. New Delhi; *b* in 1905 at Kotwali, Malda; *Edn:* Ph.D. (History) in 1947 from Univ. of Freidburg, W. Germany; *Resch Exp:* Director of Research, Indian Council of World Affairs; Sr. Research Officer, Historical

Division, Ministry of External Affairs; Univ. of Heidelberg; *Pub*: Books on This Europe, Peace Settlements in Europe since 1945, Steps towards European Unity, A Study of French Political Parties, The German Mind, Making of the Bonn Constitution, Genesis of the Nazi Revolution, Labyrinth Europe, Flight from Prague, Franco-German Relations (1870-1914), Chinese Invasion, The Rise & Growth of the Congress, Mahatma Gandhi und Deutschland, Peace Settlements in the Far East since 1945, Indian Year Book and several others in German language, besides countless reviews, articles etc.; *Exp*: Paris Correspondent of Hindustan Times 1938; Director of Surveys and Documents, Indian Council of World Affairs 1949-50; Joined Ministry of External Affairs in 1950; served at Univ. of Heidelberg, W. Germany for 3 years; at I.S.I.S. for past 4 years; *Genl*: Courted imprisonment in 1921 and 1923 while still a student; worked in London for Indian independence, official speaker of Azad Hind Radio in English; *Mem*: of several Indian and foreign educational, social and political organisations; *Visited*: Most of the countries in Asia, Europe & America; *Add*: c/o Indian School of International Studies, New Delhi-1.

MOOKERJEE, (Dr.) Sitanshu—Principal, Vidarbha Mahavidyalaya, Amravati since June 1967; *b* 1 February 1925 at Vill. Fallong in Dist. Faridpur; *Edn*: M.A. (Geog) in 1945 from Univ. of Calcutta, Ph.D. in 1955 from Indiana Univ. & F.R.G.S. in 1965 from Royal Geographical Society, London; *Resch Exp*: At Indiana Univ. 1953-55; *Pub*: About 25 research papers in Indian and foreign journals; *Exp*: Nagpur Mahavidyalaya, Nagpur; Vidarbha Mahavidyalaya, Amravati; Jadavpur Univ; Dy. Director of National Atlas Organisation 1957-63; *Mem*: Indian Science Congress, Indian Council of Geographers, Geographical Society of India, Association of American Geographers, Royal Geographical Society (London), Regional Science Association (Philadelphia), Chairman, Board of Srudies in Geography of Nagpur Univ.; *Knows*: Bengali. Hindi, French, Sanskrit & Marathi; *Visited*: USA, Canada, UK, W. & E. Germany, France, Belgium, Holland, Denmark, Sweden, Austria, Yugosalavia, Italy, Switzerland, Greece, Lebanon, UAR, Pakistan, Ceylon, Malaysia, Singapore, S. Vietnam, Hongkong & Japan on educational and cultural tours; *Hobb*: Travel, photography and music; *Add*: Govt. Vidarbha Mahavidyalaya, Amravati, M.S.

MOORTY, Sonti Krishna—Sr. Lecturer in Education, Govt. Training College, Warangal since 1965; *b* 18 October 1925 at Madiva ; *Edn*: M.A. (Psy) in 1960 from BHU & M. Ed. in 1965 from Karnatak Univ.; *Resch Exp*: Working for Ph.D. on Educational Administration; *Pub*: papers on scholastic backwardness & How to write Short Stories: *Exp*: Govt. High Schools, Suryapet & Warangal 1951-62; Govt. Trg. College, Hyderabad 1962-65; *Mem*: Indian Association of Teacher Educators, A.P. Gazetted Colleges Teachers' Association; *Knows*: English, Telugu & Hindi; *Hobb*: Photography; *Add*; 5/943, Kishenpura, Warangal-1.

MOOSATH, (Dr.) S. S.—Prof. & Head, Dept. of Chemistry, Univ. of Kerala since July 1963; *b* 28 February 1921 at Shertallay, Dist. Alleppey; *Edn*: M Sc. (Studies on Monazite Sand) in 1947 from Univ. of Kerala, Ph.D. (Rare Earths) in 1955 from Indian Institute of Science, Bangalore; *Resch Exp*: For 20 years in Chemistry and Technology of Rare Earths; *Pub*: About 40 papers; *Exp*: Univ. College, Trivandrum; Dept. of Chemistry, Univ. of Kerala at Trivandrum and Calicut; *Mem*: Indian Science Congress; *Knows*: Malayalam, English, German & Hindi; *Visited*: USA; *Hobb*: Carnatic music; *Add*: Dept. of Chemistry, Univ. of Kerala, Calicut.

MOTIRAMANI, (Dr.) Dayal P.—Director of Research Services, J.N. Krishi Vishwavidyalaya, Jabalpur since July 1966; *b* 9 December 1921 at Bhiria in Sind; *Edn*: Assoc. IARI in 1947 from I.A.R.I., New Delhi; M.Sc. (Agri) in 1956 with first class first from Agra Univ. & Ph.D. (Agronomy) in 1960 from Illinois Univ.; *Resch Exp*: For over 20 years in soil sciences, agronomy and plant nutrition; *Pub*: About 25 papers besides three books (Soils: their Chemistry & Fertility in Tropical Asia); *Exp*: Agriculture College, Sakrand 1943-4 ; Indian Agri. Resch. Institute, New Delhi 1947-50; Agriculture College, Gwalior 1950-65; *Mem*: Sigma Xi, Gamma Sigma Delta, Indian Society of Soil Sciences, International Society of Soil Sciences; *Knows*: English & French; *Visited*: USA 1958-60; *Add*: J.L.N. Krishi Vishwavidyalaya, Jabalpur.

MUDAMBI (Dr.) Sumati Rajagopal—Head, Dept. of Food & Nutrition, S.N.D.T. Women's Univ. since 1967; *b* 11 November 1926 at Devla in Dist. Ratnagri; *Edn*: M.Sc. (Biochem) in 1952 from Univ. of Bombay, M.S. (Food & Nutrition) in 1958 & Ph.D. in 1960 from Univ. of Wisconsin, USA; *Resch Exp*: In analysis of milk and cattle feed, thiamine, human metabolism, diets on enzymes; *Pub*: Five papers on subjects of Chemical composition of Concentrates potato, canned potatoes, human nutrition etc.; *Exp*: Siddharth College, Bombay 1947-48; Aarey Milk Colony, Bombay 1952-57; Univ. of Wisconsin 1957-60; Reader & Head, Dept of Foods & Nut., SNDT Univ. 1963-65; Visiting Prof., S.N. College for Women, Quilon 1965-67; *Mem*: Sigma Xi, Phi Delta Epsilon, Association of Food Technologists of India; *Knows*: French, German, Hindi, Marathi & Tamil; *Visited*: USA 1957-61; *Hobb*: Photography, child welfare and social work; *Add*: c/o Mr. M.V. Rajagopal, Bakery Manager, M/s Britannia Biscuit Co. Ltd., Reay Road, Bombay-10.

MUKERJEE, (Dr.) Miss Manjula—Technical Officer, Psychometry Unit, Indian Statistics Institute, Calcutta since 1959; *b* 4 December 1933 at Calcutta; *Edn*: M.Sc. (Pure Math) in 1955, M. Stat. in 1962; D.Phil. in 1966; *Resch Exp*: For 8 years in the field of mental testing; *Pub*: About 15 research papers on tests etc.; College Aptitude Test Battery Interest & Achievement, Co-Workers' Ratings, Modern Objective Tests, Merit Rating Test, Differential Prediction, Non-verbal Tests; *Exp*: Started at I.S.I. in 1959; *Knows*: English & Bengali; *Add*: 44/49, Barrackpore Trunk Road, Calcutta-50.

MUKERJEE, (Dr.) N.K.—Reader in Geology, BHU since 1961; *b* 4 April 1926 at Varanasi; *Edn*: M.Sc. (Geog) in 1947 from BHU & D.Sc. (Mineralogy) in 1960 from Bonn Univ., W. Germany; *Resch Exp*: For over 20 years in economic geology and mineralogy; *Pub*: Many research papers and popular articles; *Exp*: BHU 1948-68 and at Bonn Univ during 1957-60; *Knows*: Bengali, Hindi, Sanskrit, English & German; *Visited*: W Germany, UK, France, Holland, Belgium, Switzerland & Egypt etc; *Add*: D47/64, Ramapura, Varanasi.

MUKERJEE, (Dr.) Sachimohan—Dy. Director, Indian Institute of Experimental Medicine Calcutta since 1963; *b* 8 February 1909 at Calcutta; *Edn*: D. Phil. (Bacteriology) in 1960 & D.Sc. in 1965 from Univ. of Calcutta; *Resch Exp*: For past 35 years in bacteriological and immunological research with special reference to entero pathogens; also on phage-typing of choleragenic vibrios for epidemiological studies and development of a live oral cholera vaccine for prophylactic use; *Pub*: About 100 papers; *Honours*: G.J. Watumul Memorial Award 1962, Basanti Devi Amir Chand Senior Award, Indian Council of Medical Research; *Exp*: Joined Indian Institute of Exp. Medicine in 1935; guiding Ph.D. students; *Mem*: Fellow of National Institute of Sciences of India, Egyptian Public Health Association, Director of WHO International Reference Centre & Cholera Expert Group of ICMR; *Knows*: English & Bengali; *Visited*: Switzerland, UK, France, Denmark & W. Germany, Thailand, Hongkong, Japan, Philippines, USA, USSR; *Hobb*: shooting and fishing etc.; *Add*: 29, Panchantola Lane, Calcutta-34.

MUKERJEE (Dr.) Susil Kumar—Keeper, Central National Herbarium, Botanical Survey of India, Calcutta-13 since 1958; *b* 28 August 1909 at Garalgacha in Dist. Hooghly; *Edn*: M.Sc. (Bot) in 1935 from Calcutta Univ. & Ph.D. in 1938 from Edinburgh Univ.; *Resch Exp*: For about 35 years in Botany; *Pub*: Many papers, books monographs and delivered Radio-talks; *Exp*: An Hony. Lecturer in P.G. classes in Botany at Calcutta Univ.; *Mem*: Linnean Society of London, Asiatic Society, Indian Botanical Society, Bangya Bijnan Parishad, Indian Science Congress; *Genl*: Has described a few plants unknown to science; *Knows*: English, Bengali, Hindi & Sanskrit; *Visited*: UK, Germany, USSR and Switzerland for education; *Add*: Botanical Survey of India, 14 Madan Street, Calcutta-13.

MUKERJI, Bimala Prosad—Reader in History, Jadavpur Univ. since 1956; *b* 7 February 1906 at Barasat in W. Bengal; *Edn*: M.A. (Modern History) in 1927 & M.A. (Ancient History) in 1928 from Presidency College, Calcutta; *Pub*: Four volumes of poetry, two volumes of short stories, five volumes of essays, three translations, two books on Indian History & Culture, one book on Tagore and juvenile books besides numerous papers; *Honours*: Thrice awarded by Govt. of India prize for neo-literate literature; *Exp*: N.D. College, Howrah & Hughli Govt. College, 1930-36; Surendranath College, Calcutta 1936-56; *Mem*: Academic Council, Board of Studies, Syllabus Ctee of Jadavpur Univ.; Indian History Congress, Advisor to A.I.R. Calcutta; Asiatic Society; *Knows*: English, Bengali & Sanskrit; *Add*: 17/1, Broad Street, Calcutta-19.

MUKERJI, (Dr.) Kshitimohon—Prof. & Head, Dept. of Economics, Shivaji Univ. since January 1967; *b* 15 June at Calcutta; *Edn:* M.A. (Com) in 1943 D Phil. in 1958 winning Mahendranath Roy Gold Medal & Prize from Calcutta Univ.; C.A.I.I.B. (Banking) in 1945 from Indian Institute of Bankers; *Resch Exp:* For about 10 years as Reader, National Income & Development Planning at Gokhale Institute of Politics & Economics, Poona; *Pub:* Book on Levels of Economic Activity & Public Expenditure in India besides over 60 papers; *Exp:* City College Calcutta 1947-49, Poona Univ 1959-66; *Mem:* Expert Cttee on Revision of Working Class Consumers index number Series for Bombay City 1962-65; Member of Indian Economic Association Indian Economic Society and others; *Knows:* Bengali, English, Hindi, Marathi & German; *Visited:* UK, France, Switzerland, W. Germany & Holland; *Add:* Dept. of Economics, Shivaji Univ., Kolhapur.

MUKERJI, (Dr.) (Mrs.) Vatsala Kshitimohon—Prof. of Econometrics, Shivaji Univ. since April 1967; *b* 1 March 1927 at Dharwar; *Edn:* M.A. (Maths) in 1949 from Karnatak Univ.; Ph.D. (Maths) in 1955 from Manchester Univ., UK; *Resch Exp:* 12 years; *Pub:* About 60 papers in Mathematical Economics, Econometrics & Statistics; *Exp:* Karnatak College, Dharwar 1949-52; Delhi School of Economics, Delhi 1955-60; Gokhale Institute of Economic Growth 1960-67; Indian Society of Agrl. Statistics; *Knows:* Kanada, English & Hindi; *Visited:* UK 1952-55 & 1961-62; *Hobb:* Writing and poetry; *Add:* Dept. of Economics, Shivaji Univ., Kolhapur.

MUKHERJEE, (Dr.) Amitabha—Dept. of History, Jadavpur Univ. since August 1957; *b* 16 March 1931 at Calcutta; *Edn:* M.A. in 1952 with first class second from Presidency College, Calcutta; A.M. (European History) in 1960 from Univ. of Pennsylvania, USA; Ph.D. in 1966 from Jadavpur Univ.; *Resch Exp:* Ph D thesis on Reform and Regeneration of Bengal 1774-1823; *Pub:* Book on Oliver Cromwell and the English Parliament 1653-58; 'Reform & Regeneration in Bengal' besides 20 papers; *Exp:* Bangabasi College, Calcutta 1953-57; Rabindra Bharati Univ. 1963-64; *Mem:* Asiatic Society, Bangiya Sahitya Parishat, Institute of Historical Studies; *Genl:* Fulbright Scholar 1959-60; *Knows:* English, Bengali, Sanskrit & French; *Visited:* USA for higher studies; *Hobb:* Chess; *Add:* Dept. of History, Jadavpur Univ., Calcutta-32.

MUKHERJEE, Anil Kumar—Officer-in-Charge, Coal Survey Laboratory, Raniganj since 1962; *b* 1 January 1924 at Bolpur in Dist. Birbhum; *Edn:* M.Sc. (Phy Chem) in 1945 from Calcutta Univ.; *Pub:* papers on Coal properties in Kasta area, moisture estimation at 60%, mineral matter in Indian coal, prevention of fire in coal pillars etc.; *Exp:* Burdwan Raj College 1946; Shalimar Tar Products (1935) Ltd.; since 1947 in Central Fuel Research Institute; *Mem:* Mining, Geological & Metallurgical Institute of India; *Visited:* UK & France for study tour; *Add:* Bansra House, P.O. Raniganj, Dist. Burdwan.

MUKHERJEE, (Dr.) Bishwa Nath—Head, Dept. of Psychology, Nagpur Univ. since September 1965; *b* 15 October 1933 at Patna; *Edn* M.A. (Exp Psy) in 1953 from Patna Univ. & Ph.D. (Quantitative Psy) in 1964 from Univ. of N. Carolina, USA; *Resch Exp:* For about 15 years; *Pub:* Nearly 50 papers in Indian and foreign journals; *Exp:* Patna Univ., Indiana Univ. (USA), State Bureau of Educational & Vocational Guidance, Bihar; *Mem:* American Psychological Association, Psychometric Society (USA), American Statistical Association; Regional President of Indian Academy of Applied Psychology; Consulting Editor to an American Journal; *Knows:* Bengali English & Hindi; *Visited:* USA for study and research; *Hobb:* classical music and painting; *Add:* Dept. of Psychology, Nagpur Univ., Nagpur.

MUKHERJEE, Moni Mohan—Planning Division, Indian Statistical Institute since 1957; *b* 18 October 1916 at Calcutta; *Edn:* M.A. (Econ) in 1942 from Calcutta Univ.; *Resch Exp:* For 20 years and at Univ. of Liverpool UK; *Pub:* A book on 'National Income of India: Trends & Structure', co-author of 'A System of National Accounts & Supporting Tables'; *Exp:* Indian Statistical Institute 1943-46 and since 1957; Presidency College, Calcutta 1945-46; Univ. of Pennsylvania during 1965; Finance Ministry and Central Statistical Organisation 1949-57; Secy., National Income Cttee; *Mem:* Council, International Association for Research in Income & Wealth; Vice-President, Indian Association for Research in Income & Wealth; member, Indian Economic Associa-

tion & Econometric Society; *Genl*: Teacher in Viswa-Bharati 1939-43; member o Advisory Cttee of Govt. of India for National Income; *Knows:* English, Bengali & Hindi; *Visited*: UK 1947-49, USA 1964-65; also visited France. Norway, Sweden, Switzerland, Czechoslovakia, USSR, Italy, Turkey, Thailand, Hongkong, China & Japan for study and attend to conferences; *Hobb:* Short stories, many published in Bengali journals; *Add:* Indian Statistical Institute, 203, Barrackpore Trunk Road, Calcutta-35.

MUKHERJEE, Parimal Chandra — Prof. of Economics, Patna Univ. since January 1967; *b* 2 October 1925 at Badaun; *Edn*: M.A. (Econ) in 1949 with 2nd class first from Patna Univ., Research Fellow during 1962 at Institute of Economic Growth, Delhi; Summer Training in 1964 at Univ. of Colarado, USA; M.A. (Econ) in 1967 from Univ. of Seatle, USA; *Resch Exp:* Working for D.Litt. on 'An Econometric Assessment of Farm supply response in India'; *Pub:* Text books on Economics in Hindi like Bharat evam Bihar ka Tulnatmak Arthik Vivechan, Bharat evam Bihar ka Arthik Adhyana, Arthashastra ke Siddhant; *Honours:* Fulbright Travel Fellowship 1964; *Exp*: R.K College, Madhubani 1950; Ranchi College, Ranchi 1951-64; *Knows:* English, Hindi, Bengali & French; *Visited:* USA; *Add:* Patna Univ., Patna-5.

MUKHERJEE, (Dr.) Phanindra Nath—Head, Division of Physical Chemistry, C.F.R.I., Dhanbad since 1956; *b* 26 August 1924 at Nagpara in Dist. Barisal; *Edn:* M.Sc. (App Chem) in 1946 & D.Phil. in 1962 from Calcutta Univ.; *Resch Exp:* In Industrial catalysis, Kinetics of gas reactions, Physico-chemical properties of coal and its derivatives and industrial catalysis etc.; *Pub*: About 40 papers on subjects like moisture in coal, coal structure, low temperature oxidation of coal, fertilizers from coal etc.; *Exp*: In C F.R.I. since 1949; *Mem*: Rotary Club, Sindri; *Genl:* Keen student of Indian philosophy; *Knows*: English, Bengali & Russian; *Visited*: USA; *Add*: 10, Biren Roy Road, (West), Behala, Calcutta-34.

MUKHERJEE, (Dr.) Prasanta Kumar— Reader in Elect. Engg., Jadavpur Univ. since August 1965; *b* 9 May 1938 at Chandernagar in Dist. Hooghly; *Edn*: M E.E in 1963 winning Gold Medal for first class first & Ph.D. in 1966 from Jadavpur Univ.; *Resch Exp*: In the field of analysis of transients in a saturated synchronous machine, stability in the parallel operation of d.c. generators, performances of single-phase synchronous machines, dynamic programming in the design of transformers; *Pub*: 5 papers; *Exp:* The Calcutta Elect. Supply Corpn. Ltd. 1959-60; Rohtas Industries Ltd., Dalmianagar 1960-61; Jadavpur Univ. 1961-64; Regional Engg. C llege, Srinagar 1964-65; *Knows:* Bengali, English & German; *Visited*: UK during 1967; *Hobb*: Photography; *Add*: 68, Dr. Sundari Mohan Avenue, Calcutta-14.

MUKHERJEE, (Dr.) Rama Ranjan—Prof. & Head, Sanskrit Dept., Jadvapur Univ.; *b* 1 January 1928 at Calcutta; *Edn:* M.A. (Sanskrit) in 1946 & Ph.D. in 1955 from Calcutta Univ., D. Litt. in 1965 from Jadavpur Univ.; *Pub:* Two books and about 30 papers; *Honours*: Gold Medal from Calcutta Univ.; *Exp:* Lecturer in Sanskrit for 19 years in different Colleges; Prof. of Sanskrit at Jadavpur Univ. since 1956; *Mem:* Indian Oriental Congress, Vishwa Parishad, Asiatic Society etc.; *Knows:* Sanskrit, English & Bengali; *Add*: Dept. of Sanskrit, Jadavpur Univ., Calcutta-32.

MUKHERJEE, (Dr.) Ramkrishna—Research Prof. of Sociology, Indian Statistical Institute, Calcutta since 1957; *b* 28 October 1919 at Calcutta; *Edn:* M.Sc. (Anth) in 1941 with first class from Calcutta Univ. & Ph D. in 1948 from Cambridge, UK; *Resch Exp:* Conducted sociological researches in Europe, Turkey, East Africa & India; *Pub:* Books on Sociologist & Social Change in India Today, The Rise & Fall of the East India Company, The Dynamics of a Rural Society, The Six Villages of Bengal, The Problem of Uganda, The Famine & Rehabilitation of Bengal besides some 50 papers; *Exp:* London School of Economics, 1952; Humbolt Univ., Berlin 1953-57; *Knows:* Bengali, English & German; *Visited:* UK 1948; *Hobb:* Photography and playing of sitar; *Add:* Prof. of Sociology, I.S.I., 203, Barackpore Trunk Road, Calcutta-35.

MUKHERJEE, (Dr.) Shyama Pada—Prof. & Head, Dept. of Sugar Chemistry, National Sugar Institute, Kanpur since 1958; *b* 4 November 1919 at Ranchi in Bihar; *Edn:* M.Sc. (Org Chem) in 1939 from Science College, Patna; A.I.I.Sc. in 1942 from Indian Institute of Science, Bangalore; Ph.D. in 1948 from Fitz William House, Univ. of Cambridge, UK; Dip. in Radio Tracer Technique in 1961 from Atomic Energy Commission, USA; *Resch Exp:* In industrial organic chemistry, sugar technology and in carbohydrate chemistry for past 30 years; *Pub:* More than 80 papers; *Honours:* Awarded Noel Deer Gold Medal for outstanding work on Ion Exchange process for cane juice clarification; *Exp:* At N.S.I. since 1949 and held different positions; *Knows:* English, Hindi, Bengali & German; *Visited:* UK 1946-48, USA 1960-61; Germany, Italy, Egypt, Switzerland & France for research and study tour; *Hobb:* Photography and sightseeing; *Add:* National Sugar Institute, Kalyanpur, Kanpur.

MUKHERJEE, (Dr.) Shyama Prasad—Dept. of Statistics, Calcutta Univ. since 1964; *b* 14 May 1940 at Kidderpore in Calcutta; *Edn:* M.Sc. (Stat) in 1960 & D.Phil. in 1967 from Calcutta Univ.; *Resch Exp:* for 5 years in Statistical methods and their industrial applications; *Pub:* About 15 original research papers; *Exp:* Presidency College, Calcutta 1962-64; Calcutta Univ. since 1964; Visiting Prof. at Indian Institute of Social Welfare & Business Management, Calcutta since 1961; Indian Society for Quality Control since 1961; Institute of Chartered Accountants of India since 1964; *Mem:* Calcutta Statistical Association, Indian Science Congress; Indian Society for Quality Control; *Knows:* English, Bengali, Sanskrit & Latin; *Hobb:* Social service and giving popular science lectures; *Add:* Dept. of Statistics, Calcutta Univ., Calcutta-19.

MUKHERJEE, (Dr.) Sunil Kumar—Head, Divn. of Horticulture, I.A.R.I., New Delhi since 1961; *b* February 1914 at Calcutta; *Edn:* M.Sc. (Bot) in 1937 & D.Sc. in 1950 from Calcutta Univ.; *Resch Exp:* For past 30 years; *Pub:* More than 100 papers; *Honours:* Sir Asutosh Mukherjee Gold Medal 1941, Watumull Memorial Award 1966; *Exp:* Viswabharati, Shantiniketan for one year; Delhi Univ. for 3 years; *Mem:* Indian Society of Genetics & Plant Breeding, Indian Horticultural Society, Indian Science Congress, National Rose Society, International Society of Horticultural Science; *Knows:* English, Bengali & Hindi; *Visited:* USA, UK, USSR, France, Holland, Italy, Switzerland, Japan, Philippines, Malayasia & Thailand to visit horticultural institutes; *Add:* 157/3, Bakulbagan Road, Calcutta-25.

MUKHERJEE, Sunit Kumar—Reader in Food Tech. & Biochem. Engg., Jadavpur Univ. since August 1966; *b* 1 March 1931 at Calcutta; *Edn:* M.Che.E. in 1961 from Jadavpur Univ. & M.N.S. in 1965 from Cornell Univ., USA; *Pub:* About 15 research papers on Mandarin Orange peel oil, idli, fermented foods etc.; *Exp:* Hindustan Heavy Chemicals Ltd.; Calcutta Chemical Co. Ltd.; Cornell Univ.; *Mem:* Institution of Engineers (India), Indian Institute of Chemical Engineers, Institute of Food Technologists (USA), Nutrition Society of India, Biological Chemists etc., several of his articles broadcast on AIR and VOA; *Knows:* Bengali, English, German & Hindi; *Visited:* USA, Japan & Thailand; *Hobb:* Home scale food preservation, music and touring; *Add:* Dept. of Food Tech. & Biochem. Engg., Jadavpur Univ., Calcutta-32.

MUKHERJEE, (Dr.) Surath Kumar—Scientist, C.D.R.I., Lucknow since 1954; *b* 1 March 1925 at Calcutta; *Edn:* M.Sc. (Physiology) in 1947 with first class first from Presidency College, Calcutta and winning Univ. Gold Medal and M. L. Mallick Medal etc.; MBBS in 1949 from Medical College, W. Bengal; D. Phil (Physiology) in 1957 from Calcutta Univ.; *Pub:* 50 papers on Experimental & Clinical Diabetes Mellitus, Experimental Obesity, Metabolic Study in Atherosclerosis, Oral Hypoglcemic agents, Liver Function Study; *Exp:* Lecturer, Vidyasagar College, Calcutta 1952-53; Medical College, Jaipur 1953-54; *Mem:* Physiological Society of India, Scientific Workers Association, American Diabetes Association, Indian Medical Association, Indian Science Congress; *Knows:* English, Hindi & Bengali; *Visited:* Canada 1957-58, USA, UK, W. Germany, Belgium to observe research Institutes; *Hobb:* Gardening and literature; *Add:* 88, Amherst Street, Calcutta-9.

MUKHERJI, (Dr.) Sailendra Mohan—Head, Dept. of Chemistry, Kurukshetra Univ. since June 1961; *Edn:* M.Sc. (Chem) in 1937, D.Sc. in 1944 from Calcutta Univ.; Ph.D. (Chemistry of coal & its products) in 1948 from Birmingham Univ.; *Resch Exp:* For 35 years in organic chemistry; *Pub*: More than 80 papers; *Honours*: An organic reaction has been named 'Colonge—Mukerji' reaction in recognition of his research; *Exp*: Head, Dept. of Org. Chem., Indian Association for the Cultivation of Science, Calcutta for 2 years; Head, Dept. of Chemistry, Panjab Univ. for 8 years; *Mem*: Indian Chemical Society, Indian Science Congress, National Institute of Sciences; *Knows:* Bengali, English, Hindi & German; *Visited*: UK, France, Belgium, Holland, Italy, Switzerland, Denmark & Sweden for research and training; *Hobb*: Contract bridge and crosswords; *Add:* Dept. of Chemistry, Kurukshetra Univ., Kurukshetra.

MULCHANDANI, (Dr.) Newand B.—Scientific Officer, Biology Divn., Bhabha Atomic Research Centre, Trombay, Bombay since June 1960; *b* 23 January 1929 at Vill. Chanhi Manumal in Dist. Nawabshah in W. Pakistan; *Edn:* M.Sc. (Org Chem) in 1954 & Ph.D. in 1959 from Gujarat College, Ahmedabad; *Resch Exp:* For 20 years; *Pub*: About 10 papers published in Indian and foreign journals; *Exp*: Gujarat College, Ahmedabad 1951-56; Elphinstone College, Bombay 1956-59; Institute of Science, Bombay 1959-60; Dharmendrasingh College, Rajkot 1960; *Mem*: Indian Science Congress, Indian Chemical Society, American Chemical Society, Phytochemical Society (Bristol); *Genl*: Currently working the important project of preparing radioactive large molecules with the help of plants by feeding radioactive precursors to plants; *Knows:* Sindhi, English, Hindi & German; *Visited:* USA during 1964-65; *Hobb*: Stamp collecting etc.; *Add*: 29-A/2, Navjivan Colony, Chembur, Bombay-74.

MULLATTI, Laxman Channappa—Head of Philosophy, Karnatak Univ. since August 1966; *b* 15 January 1932 at Darur in Dist. Belgaum; *Edn*: M.A. (Phil) in 1957 with first class first from Karnatak Univ.; *Pub*: On Cogito Ergo Sum, On the Definability of Necessity, The Status of Causal Propositions (in 3 parts), Satkawryavada and the Problem of Causality, Logic & Philosophy, Descartes, Philosophy of Nature; *Exp*: Sri Kadsiddheswar College, Hubli 1954-57; joined Karnatak Univ. in 1957 and held different positions; *Mem :* Regional Secy., Indian Philosophical Association; Member, Indian Philosophical Association; *Knows :* Kannada & English; *Hobb*: Swimming and walking; *Add*: Dept. of Philosophy, Karnatak Univ., Dharwar-3.

MULLIK, (Dr.) Balak Ram—Assoct. Prof. of English, Agra College, Agra since 1948; *b* 18 July 1916 at Saroki in Dist. Gujranwala; *Edn:* M.A. (English) in 1939 (standing 2nd in Univ) from Forman Christian College, Lahore; Ph.D. (The poetry of G. Meredith) in 1955 from Punjab Univ.; M.A. (Sanskrit) in 1961 & M.A. (Phil) in 1963 from Agra Univ.; *Resch Exp*: For 10 years, guiding research work; *Pub:* On Background and development of English Literature, English Poetry, English Novel; Principles and History of Literary Criticism besides about 100 monographs on English writers; *Exp*: Dayal Singh College, Lahore upto 1947; joined Agra College, Agra in 1948; *Mem:* Board of Studies of Agra Univ., Rotary Club, Theosophical Society; *Knows:* Hindi, Panjabi, Sanskrit, English & German; *Visited:* UK, Austria, Germany, Switzerland, France, Italy, Greece, Denmark, Norway, Sweden & Finland to deliver lectures and attend conferences; *Add*: Dept. of English, Agra College, Agra.

MUNDHADA, Ram Nivas—Principal, Raj Mahavidyalaya, Amravati since March 1965; *b* at Banera in Dist. Bhilwara; *Edn*: M.Com. first class first and winning Govindram Sakseria Gold Medal from G.S. College of Commerce, Wardha; LL.B. in 1964 from Hitkarini Law College, Jabalpur; *Exp*: G.S. College of Commerce & Economics, Jabalpur for years; *Mem:* Board of Studies, Academic Council & Court of Nagpur Univ.; *Knows*: Hindi, Marathi & English; *Hobb*: Card Board and plywood modelling and gardening; *Add:* Raj Mahavidyalaya, Amravati.

MURTHI, (Dr.) B.V.L. Narasimha—Probationery Officer, State Bank of Hyderabad since June 1968; *b* 1 July 1942 at Tirupati in Dist. Chittoor; *Edn:* M.A. (Hindi) in 1963 & Ph.D (Cultural Study of Ramacharitamanas) in 1966 from S.V. Univ. *Pub*: Jis Ne Diya Jivan, Telugu ke Sant Kavi Vemanna, Ramachandrika men Varna Vyavastha etc.; *Exp:* Research Asstt., Hindi Text Book Cttee (South Zone) 1966-68; *Knows:* Telugu, Kanada, Tamil, Hindi, Sanskrit & English; *Hobb*: Cricket & reading; *Add*: 219, Mitta Street, Tirupati, A.P.

MURTHY, (Dr.) Mankal Narasimha—Prof. & Head, Design Division, Dept. of National Sample Survey, I.S.I., Calcutta since 1955; *b* 1 June 1933 at Madras; *Edn*: M.A. (Stat) in 1954 from Univ. of Madras, Certificates from I.S.I. (Calcutta) in 1955 & U.S. Bureau of the Census in 1960, Ph.D. (Sampling) in 1963 from I.S.I. (Calcutta); *Resch Exp:* For 13 years in Survey Design. guiding Ph.D. research work; *Pub*: One book 'Sampling Theory and Methods' besides 35 papers mainly on sampling, estimation, census, demographic clock, probability etc.; *Exp*: Joined I.S.I. in 1955; *Mem*: American Statistical Association, Indian Science Congress, Indian Statistical Institute, Indian Society of Agrl. Statistics, on Cttee for Sampling in 1971 census, Member of Tech. Cttee of Central Cabinet 1962-67, consultant to ECAFE in 1965; *Knows:* English, Tamil, Marathi & Hindi; *Visited*: USA, Canada, UK, Netherlands, France, Switzerland, Italy, UAR, Lebanon, Thailand & Japan; *Add:* 6-B, Arimuthu Achari Maistry St., Madras-5.

MURTHY, Parasiva—Principal, Sri Jayachamarajendra College of Engg., Mysore-6 since June 1964; *b* 15 November 1919 at Malangi in Dist. Mysore; *Edn:* B.E. (Civil) in 1941 from Univ. College of Engg., Bangalore; *Exp:* Worked as Asstt. Engineer, Executive Engineer and Supdtg. Engineer since 1946 in P.W.D. of Mysore State before joining as Principal; *Mem:* Institution of Engineers (India); *Visited:* Canada during 1966 to study the construction techniques of High Dams under Colombo Plan; *Knows:* Kannada & English; *Add*: 1067, Vanivilas Road, Mysore-4.

MURTY, K.S.—Principal, Govt. Engineering College, Ujjain since September 1966; *b* 31 July 1924 at Rajahmundry; *Edn:* C.I.I. Sc. (Elect. Engg) in 1945 from Indian Institute of Science, Bangalore; M.E.E. in 1962 from Cornell Univ., USA; *Exp:* Associated Electrical Industries, Calcutta for 1 year; Reader 1947-58 and as Prof. of Elect. Engg. 1958-63 at Govt. Engg. College, Jabalpur; Prof., Govt. College of Engg., Raipur 1963-66; *Mem:* Institution of Engineers; *Knows:* Hindi, Telugu & English; *Visited:* USA 1960-62; *Hobb:* Games and philosophy; *Add:* Govt. Engg. College, Ujjain.

MURTY, Kottapalli Sitharama—Lecturer, Dept. of Geology, Nagpur Univ. since 1963; *b* 21 August 1931 at Polamur in Dist. W. Godavari; *Edn:* M.Sc. (Geol) in 1953 from Andhra Univ., Diploma in 1966 from P.G. Training Centre for Geology, UNESCO, Vienna; *Resch Exp:* For 15 years; *Pub:* Studies on the Wechsel and Semmering Rocks around Trattenbach N.O.; *Exp:* Andhra Univ. 1954-55, Univ. of Rangoon 1955-58, Delhi College of Engg. 1959-63; *Mem:* Geochemical Society of India; *Genl:* To Canada in 1968 for higher studies; *Knows:* Telugu, English, Hindi, German & Tamil; *Visited:* Burma, Austria, W. Germany, Belgium, Holland, UK, France, Switzerland, Hungary, Czechoslavakia & USSR; *Add:* Dept. of Geology, Amaravati Road, Nagpur-1.

MURTY, (Dr.) Taranikanti Shriram—Head. Dept. of App. Physics, Govt. Engg. College, Jabalpur since August 1962; *b* 15 September 1923 at Nipania in Dist. Raipur; *Edn*: M.Sc. (Physics) in 1945 from College of Science, Nagpur; Ph.D. (Solid State Physics) in 1962 from Univ. of London; *Resch Exp:* For over 15 years; *Pub:* Many papers in Indian and foreign journals; *Exp:* College of Science, Nagpur 1945-50; Govt. Science College, Jabalpur 1950-62; *Mem:* Participated in International Conference on the Properties of Hard Materials (Diamonds etc.) held at Reading, UK in 1961; Member of Academic Bodies of different universities; *Knows:* English Hindi, Marathi & Telugu; *Visited:* UK, France, Italy & UAR; *Add:* Govt. College of Engg., Jabalpur.

MUSAFIR, Giani Gurmukh Singh—Member Parliament; *b* 15 January 1899; *Edn:* Rawalpindi & Training College, Lahore; *Pub:* Several books on poetry, short stories etc. like Vakhri Duniya, Sasta Tamasha, Alne de Bot, Kandhan bol Pahiyan, 27 January, Sab Accha, Allah Wale, Sabar de Ban, Prem Ban, Jivan Pandh, Toote Khamb, Musafirian, Kav Saneh, Gandhi Gita, Anand Marg, Bagi Jernel, Vinvi Sadi de Shahid etc.; *Genl:* Member Parliament 1952-66, Executive of Congress Party in Parliament 1952-66, President of Punjab Pradesh Congress Cttee 1947-59; Chief Minister of Panjab 1966-67; member Legislative Council since 1966; Took active part in Akali movement, Jathedar Akal Takhat, Genl. Secy. of Shri Gurudwara Prabandhak Cttee and Shiromani Akali Dal; joined Congress in 1922; member of All India Congress Cttee since 1930, member Constituent Assembly 1947-52; Chairman, Jallianwalla Bagh Memorial Trust Managing Cttee, Delegate to Stockholm Peace Conference 1954; World Progressive Writers Conference in Japan 1961; led Delegation of Indian Writers to Afro-Asian Conference, USSR, 1965; delegate to World Peace Conference at Helsinki, 1965; *Visited:* Italy, Belgium, France, UK, East Germany, W. Germany, Poland, Holland, Switzerland, Egypt, Afghanistan, Thailand, Singapore, USSR, Finland etc.; *Add:* 21, Ferozeshah Road, New Delhi-1.

MUSAVI, Manzur Husain—Principal, Delhi College, Delhi since September 1964; *b* 21 March 1906 at Allahabad; *Edn:* M.A. (Persian) in 1929 with first position in Allahabad Univ.; *Exp:* Started with Univ. of Delhi; *Mem:* Academic Council of Univ. of Delhi & Jamia Millia Islamia; Court & Board of Studies; President, Anjuman Wazifa; *Genl:* Head of Dept. of Persian & Arabic in Univ. of Delhi during 1949-63; *Visited:* Iran; *Knows:* Urdu, Hindi, Persian & English; *Add:* Delhi College, Delhi.

MUTHANA, (Dr.) Malachira Subaya—Dy. Director, I.I.T., Kanpur since 1962; *b* 24 December 1915 at Coorg in Mysore; *Edn:* M.Sc. (Org Chem) in 1939 winning Sudborough Gold Medal, A.I.I.Sc. in 1940 & Ph.D. in 1946 from Indian Institute of Science, Bangalore; *Resch Exp:* For about 25 years in organic and polymer chemistry; *Pub:* More than 70 research papers, reviews, articles and monograph; *Exp:* Indian Institute of Science, Bangalore 1940-53; Institute of Polymer Research, Brooklyn, New York 1948-51; I.I.T., Kharagpur 1953-60; Indian Lac Research Institute, Ranchi 1960-62; *Mem:* President, Science & Technology Society, Kanpur; *Knows:* Kanarese, English & Sanskrit; *Visited:* USA 1948-51 and UK; *Add:* Dy. Director, I.I.T., Kanpur.

MUTHAYYA, (Dr.) Boppanda Cuttayya—Reader in Psychology, Univ. of Madras since January 1968; *b* 11 September 1934 at Virajpet, Dist. Coorg; *Edn:* M.A. (Psy) in 1956 from Mysore Univ., Ph.D. in 1961 from Madras Univ.; *Resch Exp:* Guiding students and worked on Autocratic-democratic attitudes; *Pub:* Papers on frustration, aspiration, intelligence of high achievers in education, juvenile delinquincy, success and failures etc.; *Exp:* S.V. Univ. 1960-61; Madras Univ. 1961-68; Hony. Director, Juvenile Guidance Bureau, Madras since August 1965; *Mem:* Indian Science Congress, Mysore Psychological Society, Member Secy. of Madras Psychology Society; Indian Academy of Psychology, on Board of Editors of a few magazines; *Knows:* Kannada, Hindi, Tamil and Malayalam; *Hobb:* Reading short stories and novels; *Add:* Temple View, Virajpet, Coorg, Mysore State.

n

NAG, (Dr.) Biswaranjan—Reader, Institute of Radio-physics & Electronics, Calcutta since 1964; *b* 1 October 1932 at Comilla; *Edn:* M.Sc. (Tech) in 1954 with first class first and winning Gold Medal from Calcutta Univ., M.S. (Elect Engg) in 1960 from Wisconsin Univ., D.Phil. in 1961 from Calcutta Univ.; *Resch Exp:* For about 15 years in electronic computers, non-linear phenomena in electronic oscillators, hot-electron & microwave transport in semiconductors, artificial dielectrics & ionised media; *Pub:* Over 50 papers; *Exp:* Joined Institute of Radio-physics in 1956; *Mem:* I.E.R.E. (UK), I.E.E.E. (USA), Indian Physical Society; *Visited:* USA 1959-60 & UK; *Hobb:* Photography and flower gardening; *Add:* 27B, Convent Road, Calcutta-14.

NAG, (Dr.) D.S.—Prof. & Head, Dept. of Economics, Univ. of Jabalpur since 1958; *b* 5 October 1918 at Alwar in Rajasthan; *Edn:* M.A. (Economics) in 1940, Ph.D. in 1954 & D. Litt. in 1961 from Agra Univ.; *Resch Exp:* For about 30 years; *Pub:* Books on Problems of Underdeveloped Economy, Tribal Economy, A Study of Economic Plans for India, Foreign Economic Policy of Soviet Russia, Industrialisation of Madhya Pradesh, Development Potential of M.P., Imperialism in S.E. Asia, Medium of Education, Bharat ka Arthik Vikas, Arthik Samasya, Bharat ka Udyog Vikas, Navin Madhya Pradesh ke Arthik Sadhan, Hindi Translation of Keynes' General Theory of Employment etc.; *Exp:* Started with Jabalpur Univ.; *Mem:* Associated with 15 universities of India; Financial Expert to the First Prohibition Enquiry Commission; member of Assam Industrial Cttee appointed by Govt. of India; M.P. State Khadi & Village Industries Board, Third Five Year Plan Cttee of M.P. Congress Cttee; *Knows:* Hindi, Urdu & English; *Add:* 299, Napier Town. Jabalpur.

NAG, (Dr.) Kedar Narain—Dean, College of Tech. & Agri. Engg., Univ. of Udaipur since May 1967; *b* 10 November 1927 at Jaipur; *Edn:* M.S. (Agrl. Engg) in 1958 & Ph.D. in 1967 from Ohio State Univ., USA; *Exp.* Agri. Dept., Rajasthan State 1952-53, P.W.D. (Rajasthan) 1953-54; Extension Training Centre, Kota for 2 years; Head, Dept. of Agri. Engg-Department, Rajasthan College of Agri., Udaipur 1958-62; *Mem:* American Society of Agri. Engineers; Indian Society of Agri. Engineers; established, organized and developed Agri. Engg. Dept. of Raj. College of Agri., Udaipur; *Visited:* USA for M.S. & Ph.D. education; *Knows:* Hindi, English & French; *Add:* College of Techy. & Agri. Engg., Univ. of Udaipur, Udaipur.

NAGAICH, (Dr.) Nagendra—Prof. & Head, Dept. of Hindi, Delhi Univ. since 1952; *b* 22 March 1915 at Atrauli in Dist. Aligarh; *Edn:* M.A. (English) in 1936 from St. John's College, Agra; M.A. (Hindi) in 1937 from Nagpur Univ., D.Litt. (Hindi) in 1947 from Agra Univ.; *Pub:* Books on Sumitranandan Pant, Saket: ek Adhyayan, Adhunik Hindi Natak, Vichar aur Vivechan, Vihar aur Anubhuti, Riti kavya ki Bhoomika, Dev aur Unki Kavita, Bhartiya Kavya Shastra ki Bhoomika, Arastu ka Kavyashastra, Kavya men Udatta Tattava, Ras Siddhant, Alochak ki Aastha, Aastha ke Charan etc. besides about 20 books edited; *Honours:* Sahitya Akademi Award 1965, M.P. Govt. Award, U.P. Govt. Award 1965, Dalmia Prize etc.; *Exp:* College of Commerce, Delhi 1937-47; joined Delhi Univ. in 1952; *Mem:* Dean, Faculty of Arts; Chairman, Board of Research Studies in Humanities in Delhi Univ.; Director of Translation; Chairman, Hindi Text Book Cttee of Min. of Education; Sahitya Akademi, Hindi Advisory Cttee & General Body; Executive Member of Institute of Advanced Studies (Simla); Member of various Univ. bodies throughout India; *Knows:* Hindi, English, Sanskrit & Urdu; *Visited:* USSR & Nepal; *Add:* 16 Cavalry Lines, Univ. Enclave, Delhi-7.

NAGAR, (Dr.) A.S.—Prof. & Head, Dept. of Hindi, Gujarat Univ. since 1963; *b* 6 August 1925 at Jaipur; *Edn*: M.A. (Hindi) in 1950 & Ph.D. in 1957 from Rajasthan Univ.; *Resch Exp:* For 10 years, guiding research work; *Pub:* Twelve books including Gujarat Hindi Dictionary, Gujarat ke Hindi Gaurava Grantha, Dayaram Satsai besides about 20 papers; *Exp*: Gujarat Vidyapeeth, 1952-59; M.S. Univ. of Baroda 1959-63; *Mem:* Board of Studies in Gujarati, South Gujarat & Saurashtra universities; Vice-President, Gujarat Hindi Pradhayapak Parishad; *Knows*: Hindi, Gujarati & English; *Hobb*: Music, painting and poetry; *Add*: Bhasha-Bhawan, Gujarat Univ., Ahmedabad-9.

NAGAR, (Dr.) Anirudh Lal—Delhi School of Economics, Delhi since 1963; *b* 4 October 1930 at Allahabad; *Edn*: M.Sc. in 1951 with first class first from Lucknow Univ. & Ph.D. in 1959 from Econometric Institute, Rotterdam, Netherlands; *Pub*: Book on Statistical Estimation of Simultaneous Econ. Relations besides over 20 articles in Indian & foreign journals; *Exp*: Lucknow Univ.; I.I.T., Kanpur; Purdue Univ.; Univ. of Pennsylvania; *Mem:* Royal Statistical Society (London), Econometric Society, besides associate editor of International journals; *Knows*: Hindi, English & Gujarati; *Visited:* Netherlands, USA, Japan for higher education; *Add*: Delhi School of Economics, Delhi-7.

NAGAR, (Dr.) Vishnu Datt—Prof. & Head, Dept. of Economics, Vikram Univ. since July 1967; *b* 20 November 1929 at Chachoura in Dist. Guna; *Edn:* M.A. (Econ) in 1952 from Victoria College, Gwalior & Ph.D. in 1956 from Agra Univ.; *Resch Exp:* For 12 years; *Pub*: Books on Artha Shastra ka Saral Parichaya, Principles & Problems of Transport, Antarrashtriya Vyapar: Siddhant evam Samasayen; Co-operation in India & Abroad, Bhartiya Yatayat ke Siddhant aur Samasyaen; *Honours:* Gold Medal from Agra Univ. 1952, First Prize of Air Travel to any part of world in All India Essay competition on II Plan held by Blitz, Bombay in 1958; *Exp*: Agra Univ.; *Mem*: Indian Economic Associaton, Director (Appointed by Govt. of India) on Central India Cotton Exchange; *Knows*: Hindi, Gujarati & English; *Hobb*: Music; *Add*: Dept. of Economics, Vikram Univ., Ujjain.

NAGARAJAIAH, (Dr.) Hadal Siddayya—Reader in Chemistry, Univ. of Mysore since 1966; *b* 16 December 1926 at Yeslurpet in Dist. Hassan; *Edn:* M.Sc. (Chem) in 1950 from BHU & Ph.D. (Inorg Chem) in 1960 from Univ. of Cambridge, UK; *Resch Exp*: For past 20 years in Light effect on conductivity of gases under electric discharge and Cyanide complexes of Transition metals; *Pub*: Numerous research papers presented at Indian Science Congress or published in Indian and foreign journals; *Exp*: In Univ. of Mysore since 1947 and for 1961-64 on deputation to Univ. of Nigeria; *Mem*: Indian Science Congress; *Knows*: English & Kannada; *Visited*: UK, Nigeria, Europe and many other countries; *Add*: Dept. of Chemistry, Univ. of Mysore, Mansa-gangotri, Mysore-6.

NAGARCENKAR, (Dr.) Ratnakar—Research Officer, N.D.R.I., Bangalore since April 1964; *b* 26 October 1931 at Palolem in Goa; *Edn*: M.Sc. (Animal Husbandry) in 1954 from College of Agri., Poona; Ph.D. in 1961 from I.V.R.I., Izatnagar; P.G. Specialization in Animal Genetics in 1961-63 from Univ. of Naples, Italy; *Pub*: Over 30 papers and articles; also stories; *Exp*: Sheep Breeding Research Station, Poona for 3 years; *Mem*: American Society of Animal Reproduction, American Genetic Association, Indian Dairy Science Association; *Knows*: English, Italian, French, Konkani, Marathi, Hindi & Kannada; *Visited*: Italy, UK, France & Holland; *Add:* Dept. of Animal Breeding, N.D.R.I., Bangalore.

NAG CHAUDHURI, (Dr.) J.—Head, Dept. of Physiology, BHU since 1961; *b* 22 October 1922; *Edn:* Ph.D. in 1953 from M.R.C. Laboratory, London; *Resch Exp:* Guiding several Ph.D. students; *Pub*: Papers on Amino Acid pattern in blood and urine in protein malnutrition sybdrome, blood volume in infancy, chemical components of blood, reticulo endotherlial system; *Honours:* College Silver & Gold Medals, Univ. Gold Medal, Jubilee Scholarship of Calcutta Univ., W.B. Govt. Scholarship; *Exp*: Medical College, Calcutta for 3 years; M.R.C. Lab., London for 4½ years; Univ. College of Medicine, Calcutta and Institute of Child Health for 4 years; *Mem*: Society of Experimental Medical Sciences, Association of Physiologists & Pharmacologists of India, Nutrition Society of India; *Knows*: Bengali, English & Hindi; *Visited*: UK 1951-55, USA 1967-68; *Hobb*: Student of historical novels; *Add*: Dept. of Physiology, BHU, Varanasi.

NAGPAL, Lekh Raj—Principal, N. Regional Institute of Printing Technology, Allahabad since September 1958; *b* 10 July 1929 at Tandalyanwala in Dist. Lyallpur; *Edn*: B.A. (Hons) in 1948, Dip. in Journalism in 1951, M.A. (Econ) in 1953 from Punjab Univ.; Typography in 1954 from City & Guilds of London, Grad. Apprenticeship during 1951-54 in Govt. of India Presses; Certificate of Achievement in 1964 from U.S.A.I.D., Washington; *Pub*: Many papers and articles; *Exp*: In private presses 1947-50; Govt. of India Press at New Delhi & Nasik 1951-55; Dy. Controller of Printing & Stationery, Punjab Govt. 1955-58; *Mem*: Technical Association for Graphic Arts (USA), International Graphic Arts Education Association (USA); Printing, Packaging & Allied Trades Research Association (UK); *Knows*: English, Urdu & Sanskrit; *Visited*: UK, USA & Canada; *Add*: Flat No. 2, Shyam Bhawan, N.S. Marg, Daryaganj, Delhi-7.

NAGPAUL, Nihal Singh—Principal, Adimjati Technical Institute, Imphal since 1960; *b* 2 February 1902 at Karor in Dist. Muzaffargarh; *Edn*: B.Sc. (Engg) in 1927 from Victoria Univ., Manchester; *Pub*: Books on Electrical Engineering, Electrical Estimating & Costing, Technical Digest, Mathematics for Engineers etc.; *Exp*: Works Manager, Indian Sewing Machine Mfg. Co. Ltd., Lahore 1937-43; Foreman, Tata Iron & Steel Co. Ltd., Jamshedpur 1928-30; Foreman, Ordnance Factory, Muradnagar 1943-57; Head, Elect. Dept., V.D.J.H. Technical Institute, Lahore 1930-37; Head, Elect. Dept., Ramgarhia Polytechnic, Phagwara 1957-58; Resident Engineer, Bharat Sewak Samaj Construction Divn., New Delhi 1959-60; *Mem*: Institution of Engineers (India), Association of Principals of Technical Institutions; *Knows*: English, Hindi, Bengali & Persian; *Visited*: UK; *Add*: 11/26, Tilak Nagar, New Delhi.

NAIDU, Pasupuleyti Srinivasulu—Retired; *b* 30 July 1895 at Aska in Dist. Ganjam; *Edn*: M.A. (Phil) in 1924 from Madras Univ.; *Resch Exp*: For 35 years; also guided research students for Ph.D., D.Phil. & D.Litt. and directed several research projects; *Pub*: Books on Hormic Theory, Mysteries of the Mind, Utilisation of Manpower, Tandava Laksanam besides brochures on March of History, Buddhistic Philosophy of Education, Research in Education in India besides many original papers; *Honours*: Delivered Endowment Lectures of the Univ. of Madras; *Exp*: Findlay College, Mannargudi 1918-30; Annamalai Univ. 1930-41; Allahabad Univ. 1942-55; Vidya Bhawan, Udaipur 1955-62; W.T.C. Dayalbagh, Agra (UGC Prof.) 1962-64; Member (Phil) Standing Commission for Scientific & Technical Terminology, Govt. of India 1964-67; *Mem*: President of Psychology Section of Indian Science Congress & Indian Philosophical Congress; member of many universities of India; member of the Selection Cttees of National Council and many universities; *Knows*: Telugu, Tamil, English & Hindi; *Hobb*: Free lance journalism and study of S. Indian Temple sculptures; *Add*: Kutchery Road, Allahabad.

NAIDU, (Dr.) Pudi Tirupati—Dept. of Geology, S.V. Univ., Tirupati since September 1963; *b* 15 March 1942 at Sambara in Dist. Srikakulam; *Edn*: M.Sc. (Goel) in 1963, Ph.D. in 1967 from S.V. Univ.; *Pub*: Five papers; *Exp*: Started at S.V. Univ. in 1965; *Mem*: Mineralogical Society of India; *Knows*: English & Telugu; *Hobb*: Chess, playing cards etc.; *Add*: Dept. of Geology, S.V. Univ., Tirupati.

NAIDU, S. Doraiswamy—Head Master, R.K. Sreerangammal Kalvi Nilayam, Coimbatore since May 1953; *b* 9 October 1920 at Gomangalam in Dist. Coimbatore; *Edn*: M.A. (History) in 1949; *Pub*: Books on Tales from Conan Doyle, The Borwn Hand & other Stories, The Little Mermaid and other stories and several books in Tamil besides many articles; *Exp*: Sarvajana High School, Peelamedu; Sri Ramaswamy Naidu Vidyalaya, Laksminaickenpalayam; The Mahajana High School, Mettuppalayam; *Mem*: Senate of Univ. of Madras; Secy. of District Teachers' Guild (Coimbatore); Vice President, Dist. Basket Ball Association; Hony. Secy. of Dist. Indian Red Cross 1954; *Knows*: Tamil & English; *Add*: R.K.S. R. Kalvi Nilayam (High School), Coimbatore-18.

NAIDU, (Dr.) S. Shankar Raju—Head, Dept. of Hindi, Univ. of Madras since 1952; *b* 25 October 1920 at Sankarankoil in Dist. Tirunelveli; *Edn*: M.A. (Hindi) in 1945 from Agra College, Agra & Ph.D. in 1959 from Univ. of Madras; Certificate in Linguistics from School of Oriental & African Studies, London; *Pub*: Books on Kamabr aur Tulasi, Tirukkural in Hindi, Geetopahar, Banabhat ki Atamkatha, Tamil literature and its Modern trends besides papers; *Exp*: At Alleppey & Trivandrum Colleges for 6 years before joining Madras Univ.; *Mem*: President of Tamil Writers Association (1964), President of Hindi Section of All India Oriental Conference (Aligarh), Vice President of Madras Linguistic Circle, F.R.A.S. (London), Bhartiya Hindi Parishad, All India Oriental Conference, India International Centre etc.; *Knows*: Tamil, Hindi, English, French, Telugu & Malayalam; *Visited:* UK, Ireland, France, Germany, Switzerland, Italy, Greece, Egypt; *Add*: Dept. of Hindi, Univ. of Madras, Madras-5.

NAIDU, V.C. Subbaiah—Principal, The Adoni Arts & Science College. Adoni since September 1964; *b* 4 January 1916 at Kurnool in Andhra Pradesh; *Edn*: M.Sc. (Chem) in 1939 from BHU & B.Ed. in 1945 from Govt. Training College, Rajahmundry; *Resch Exp*: In the influence of an electric field on the viscosity of colloidal solutions; *Pub*: The Elements of Chemistry, Elements of Practical Chemistry; *Exp*: Govt. Arts Colleges at Madras, Tellicherry, Mangalore, Anantapur; Govt. Training College, Kurnool; Govt. Engg. College, Anantapur; *Mem:* Academic Council, Senate, Board of Studies of S.V. Univ.; *Knows*: English & Telugu; *Hobb*: Gardening; *Add*: Adoni Arts & Science College, Adoni.

NAIK, (Dr.) Bhikhubhai Khushalbhai—Dean, Osmania Medical College, Hyderabad since 1965; *b* 13 October 1921 at Gandeva in Dist. Surat; *Edn*: DTM & H in 1947 from Tropical School of Medicine, London & MRCP from Royal College of Physicians, London; *Resch Exp*: For over 20 years; *Pub*: Over 30 papers, mainly on Diabetes, Lymphadenopathy, Salmonella infections, peptic ulcer, cirrhosis of liver, fatal cardiac infarction in penicillin sensitivity, chronic diarrhoea and on several clinical trials of drugs; *Exp*: Teaching U.G. & P.G. students for last 18 years; Prof. & Head, Dept. of Medicine, Medical College since 1959; *Mem*: Indian Medical Association, Indian Academy of Medical Sciences, Cardiological Society of India, Chest Physicians of America, I.C.M.R., Dental Council of India, Vice-President of Association of Physicians of India; member of numerous Univ. bodies; *Knows*: Sanskrit, Gujarati, English, Telugu & Hindi; *Visited*: UK, Japan & USSR; *Add*: Osmania Medical College, Hyderabad.

NAIK, (Dr.) Chhotubhai Ranchhodji—Head of Persian Dept., School of Languages, Gujarat Univ. since June 1964; *b* 18 July 1914 at Bhagod in Dist. Bulsar; *Edn*: M.A. (Persian) in 1938 from Baroda College; B.T. in 1940 from B.T. College, Baroda; Ph.D. (Persian) in 1942 from Ismail Yusuf College, Bombay; *Pub*: Books on Abdur-Rahim Khan-i-Khanan & his Literary Circle; Sufimat, Influence of Persian and Arabic on Gujarati, Cultivation of Persian Language & literature by the Nagars of Gujarat, Madhya-Yugin Bharat (2 parts), besides many articles; *Honours*: Cash Award of Rs. 500/- on his book; *Exp*: Rajaram College, Kolhapur; S.B. Garda College, Navsari; H.K. Arts College, Ahmedabad; B.J. Institute of Learning & Research, Ahmedabad; *Mem*: Anjuman-i-Taraqqi-Urdu; Royal Asiatic Society of G.B. & Ireland; Univ. bodies etc.; *Knows*: Persian, Hindi, Gujarati, English & Urdu; *Add*: School of Languages, Gujarat Univ., Ahmedabad.

NAIK, (Dr.) Kullal Chickappu—Vice Chancellor, Univ. of Agrl. Sciences, Bangalore since June 1964; *b* 14 August 1903 at Kullal in Dist. S. Kanara; *Edn*: M.Sc. (Horticulture) in 1931 & Ph.D. in 1951 from Horticultural Research Station, Long Ashton, UK; *Resch Exp*: For about 30 years; *Pub*: Books on South Indian Fruits & their Culture, Commercial Fruits of India, Horticulture in South India, Agrl. Institutes of USA, Glimpses of Agriculture in China, besides many papers and monographs; *Exp*: Principal, Agrl. College & Research Institute, Coimbatore 1956-58; Dean & Agrl. Director, Regional P.G. Institute & Agrl. College & Resch. Institute, Coimbatore 1958-59; *Mem*: Agrl. Education Cttee of I.C.A.R., Advisory Cttee. of Vice Chancellors, Education Advisory Panel of the Planning Commission, Ex-President of Bangalore North Rotary Club; *Knows*: English, Kannada, Hindi & Tulu; *Visited*: UK 1930-31; made two round-the-world tours in 1957 and 1966 to study the working of Agrl. Institutions in different countries; *Add*: Univ. of Agrl. Sciences, Post Bag No. 1, Bangalore-3.

NAIK, Mafatlal Vadilal—Principal, R.A.A. & M.K. Commerce College, Washim since July 1967; *b* 27 August 1917 at Vadnagar in Dist. Mehsana; *Edn*: M.A. (English) in 1945 from St. Xavier's College, Bombay; B.T. in 1951 from Secondary Teachers' Training College, Bombay; Cert. in 1961 from Central Institute of English, Hyderabad; *Exp*: Fergusson College, Poona 1947; Rajaram College, Kolhapur 1949-50; B.J. College of Commerce, Vallabh Vidyanagar 1951-53; joined R.A.A. & M.K. Commerce College, Washim in 1953 and held different positions; *Mem*: Board of Studies in Nagpur Univ., All India English Teachers Association; *Knows*: English, Gujarati, Hindi, Marathi & Sanskrit; *Hobb*: Social service; *Add*: 287, Raviwar Peth, Washim.

NAIK, Manoshwar Honnayya—Principal, Govt. College of Education, Mangalore since November 1963; *b* 7 July 1918 at Torke, Dist. N. Kanara; *Edn*: M.Ed. in 1956 with first class first from Karnatak Univ.; *Pub*: Translated some four booklets on technical subjects into Kannada; *Exp*: Secondary Teachers College, Belgum for 5 years; G.B.T.C. Dharwar for 1 year; *Mem*: Indian Association of Teacher Educators; *Knows*: Kannada, Sanskrit, Marathi & Hindi; *Visited*: USA; *Add*: Govt. College of Education, Mangalore.

NAIK, (Dr.) T. B.—Prof. & Head, Dept. of Anthropology, Ravishankar Univ. since 1965; *b* 16 January 1922 at Asrai in Dist. Bulsar; *Edn*: M.A. (Econ) in 1945 from Univ. of Bombay & Ph.D. in 1951 from Lucknow Univ.; *Pub*: About 100 papers besides books on Bhils: A Study, Social Research, Tribal Economic Organisation & Market, The Abujhmarhias, Pardhan Git Katha Mala, The Tribes of Madhya Pradesh, The Changing Tribes. Bal Bharti Praveshikas etc.; *Exp*: M.T.B. College, Surat; College of Education, Jabalpur; London Univ.; College of Education, Ujjain & Bhopal; Tribal Research & Training Institute, Chhindwara; delivered lectures to IAS and other cadres; *Mem*: Royal Anthropological Institute (London), Indian Sociological Society, Anthropological Society of Bombay; *Knows*: Gujarati, Hindi, Marathi, Bengali, English, German & Sanskrit; *Visited*: England, France, Switzerland & Italy; *Add*: Dept. of Anthropology, R.S. Univ., Raipur.

NAIMPALLY, (Dr.) Somashekhar Amrith—Maths. Dept., Univ. of Alberta, Canada; *b* 31 August 1931 at Bombay; *Edn*: M.Sc. (Pure Math) in 1954 with first class first & M.Sc. (App. Math) in 1958 with first class first from Bombay Univ., Ph.D. in 1964 from Michigan State Univ.; *Resch Exp*: For over 10 years; *Pub*: Books on 'A New Course in Trigonometry', 'Quasi-uniform topological spaces' besides many research papers; *Honours*: Fulbright Scholar 1961; *Exp*: Ruparel College, Kirti College, Bombay; Michigan State Univ.; Iowa State Univ. of Alberta; *Mem*: Indian Mathematical Society, Canadian Mathematical Congress, America Mathematical Society, Mathematical Association of America; *Visited*: USA & Canada; *Knows*: Konkani, Marathi, Hindi, English, French & German; *Add*: c/o Popular Prakashan, 35, Tardeo Road, Bombay-34.

NAIR, K. Velappan—Principal, Intermediate College, Trivandrum since June 1946; *b* 28 March 1925 at Kuzhithurai in Dist. Kanyakumari; *Edn*: M.Sc. (Chem) in 1946 with first class first from Univ. of Trivandrum; *Exp*: Univ. College, 1946-1964; St. Thomas College, 1964-66; *Mem*: Hony. Treasurer of Kerala Lawn Tennis Association; Vice President of Trivandrum Dist. Foot Ball Association; Vice—President of Kerala Aquatic Association, Secy. of Kerala Univ. Co-operative Stores; Chairman, Bharat Yuvak Samaj (Trivandrum Dist.) etc.; *Genl*: On deputation to St. Thomas College, Palai to start M.Sc. courses; *Knows*: English & Malayalam; *Add*: Intermediate College, Trivandrum.

NAIR, Krishnapillai Krisnam—Writer & Secy., All India Fine Arts & Crafts Society, New Delhi since 1946; *b* 24 November 1918; *Edn*: M.A. (English) in 1939, first position in Univ. of Madras; *Resch Exp*: For over 30 years in various subjects the results of which are included in books; *Pub*: Books on Mesopatamian Literature, Egyptian Literature, Ancient Greek Literature, Ancient Jewish Literature, A New History of Sanskrit Literature, Sanskrit Poetics (almost all books translated in other languages) etc.; *Honours*: Sir Henry Stone Medal in B.A., Sahitya Akademi Award in 1964, Awarded by Institute of International Education on his book 'Critics of Ideas' in 1964; *Mem*: National Sports Club of India, Press Club of India, Sahitya Pravarthka Coop. Society; *Visited*: Afganistan 1948, China 1952, USA & Japan in 1964 to organise exhibitions and study tour; *Knows*: Sanskrit, Malayalam, Hindi, English & French; *Add*: All India Fine Arts & Crafts Society, Rafi Marg, New Delhi-1.

NAIR, Lajpat Rai—Director, Indian Institute of Mass Communication, New Delhi since 1965; *b* 9 January 1908 at Gujarkhan in W. Pakistan; *Edn:* M.A. (History) in 1927 from Forman Christian College, Lahore; *Pub*: Books on How India is Governed, Sir Sikandar Hayat Khan, Sir William Mc Naughton's Correspondence & co-author of History of India upto Mediævel Period, Wisdom of Modern India, Sardar Dyal Singh Majithia, Manav aur uski Dunia besides papers on Mass Communication in India, Publicity for the Plan, Private Press in National Development and so many others; *Honours:* Awarded G.J. Watumull Prize in 1967 for Mass Communication; *Exp:* Prof. of History, Dayal Singh College, Lahore 1934-53; Asstt. Director (Publicity), Govt. of Panjab 1945-53; Advtg. Consultant to Govt. of India 1953-56; Director of Advtg. & Visual Publicity 1956-63; Principal Information Officer to Govt. of India 1963-66; Chief Press Advisor to Govt. of India 1963-65; *Mem*: Hony. Director of Institute of Current Affairs, Convenor of Nehru Exhibition Cttee, Advisor to Bhartiya Vidya Bhawan, Consultant to Chanda Cttee on Co-ordination of Mass Media in India; *Knows*: English, Hindi, Urdu & Panjabi; *Visited*: Italy, W. Germany, Switzerland, France, UK, USA, Japan, USSR, E. Germany, Egypt & Iran on several occasions; *Hobb*: Photography, hiking, gardening and writing, *Add*: Indian Institute of Mass Communication, 2 Ring Road, New Delhi-14.

NAIR, (Dr.) M. R. Gopala Krishnan—Prof. of Entomology & State Entomologist, Agrl. College, Vellayani since December 1963; *b* 21 February 1922 at Kottayam; *Edn*: M.Sc. (Zoology) in 1942 from Lucknow Univ., A.I.A.R I. in 1950 & Ph.D. in 1962 from Indian Institute of Agrl. Research, New Delhi; *Pub*: About 30 papers mainly on toxicity of contact insecticides, Inter dust and other agricultural subjects; *Exp*: Started at Agrl. College, Vellayani; *Mem*: Fellow of Entomological Society of India and President of Trivandrum Branch; *Knows*: English & Malayalam; *Add*: Agrl. College, Vellayani, Kerala.

NAIR, (Dr.) N. Chandrasekharan—Regional Botanist (Cryptogams), Botanical Survey of India, Calcutta since September 1966; *b* 17 August 1927 at Perunna in Dist. Changanacherry; *Edn:* M Sc. (Bot.) in 1951 with first class first & Ph.D. (Floral morphology and embryology of meliacae) in 1958 from Birla College, Pilani; *Resch Exp*: In the field of systematic botany, florl anatomy, embroyology of angiosperms; guided research students; *Pub*: Over 70 articles & papers; *Exp*: Birla College of Science, Pilani for 10 years; Systematic Botanist, Botanical Survey of India, Dehra Dun 1961-66; *Mem*: Indian Botanical Society, International Society of Plant Morphologists, Fellow of Rajasthan Academy of Sciences; *Knows*: English, Malayalam, Hindi & German; *Hobb*: Stamp collection; *Add*: Elanjimuttam-1, Perunna, Kerala.

NAIR, (Dr.) P. Sreedharan—Principal, Sree Kerala Varma College, Trichur since January 1967; *b* 22 January 1921 at Trivandrum; *Edn*: M.A. (English) & Ph.D. from Univ. College, Trivandrum; *Pub*: Reports of the proceedings of the All India English Association; *Honours*: Awarded First Prize in English-Elocution Competition held by YMCA in 1938, First Prize in Inter-Colleges Debate in 1943, first Ph.D. in English of Univ. of Kerala; *Exp*: M.G. College, Trivandrum; N.S.S. Hindu College, Pandalam; Govt. Arts College, Coimbatore; *Mem*: All India English Association and other educational bodies; *Knows*: English, Malayalam & Hindi; *Add*: S.K.V. College, Trichur.

NAIR, (Dr.) V. Chandrasekharan—Jr. Scientific Officer, National Sugar Institute, Kanpur since May 1966; *b* 16 May 1938 at Kothamangalam in Dist. Ernakulam; *Edn*: M.A. in 1961, M.Sc. (Org Chem) in 1962, Ph.D. in 1966 from Annamalai Univ.; *Resch Exp*: For 8 years, Ph.D. thesis on Dipole Moments and Absorption spectra of Azomethines, Nitrones and related compounds; working on the structural elucidation of plant gums and other polysaccharides; *Exp*: Started at N.S.I., Kanpur; *Knows:* English, Malayalam, Hindi, Tamil & German; *Add*: Dept. of Organic Chemistry, National Sugar Institute, Kanpur.

NANAK SINGH—Writer, poet; *b* 4 July 1897 at Vill. Chak Hamid in Dist. Jehlum; *Pub*: Novels—Sarapian Roohan, Gagan Damama Bajio, Koi Haria Boot Rahio Ri, Ek Mian do Talwaran, Pujari, Bnnjar, Sangam, Astak Nastak, Nasoor, Adam Khor, Manjdhar, Garib di Duniya, Katti hoi patang, Agg di Khed, Pavitter Papi, Love Marriage, Door Kinara, Praschit, Matrai Maa etc. (45 in all), Short Stories, Drama, Autobiography and Hindi novels—Andhera Ujala, Uthan aur pattan, Jiwan Sangram, Hartal, Punnar Milan, Marg Darshan, Safaid Khoon; some of the uovels translated in other Indian languages; *Honours*: Award of Sahitya Akademi & Fellowship of Sahitya Akademi; *Knows*: Punjabi, Hindi & Urdu; *Hobb*: Music; *Add*: Preet Nagar, Dist. Amritsar.

NANAVATI, (Dr.) Horishilal Sakarchand—Principal, Ayurvedic College, Jalna since October 1958; *b* 30 June 1919 at Malegaon in Dist. Nasik; *Edn:* A.M.S. in 1943 with Gold Medal from BHU; *Resch Exp*: In jaundice and diabetes; *Pub*: Several papers on jaundice and its treatment; Ayurveda and its conception of Madhumati; *Honours*: Bhishak Ratnam, a honorary degree given by Shankaracharya; *Exp*: Research scholar in ayurvedic plants and herbs; *Mem*: President, Gujarathi Samaj, Jalna and other social organisations; *Genl*: A successful practitioner, researcher, teacher and scholar; *Knows:* Marathi, Gujarathi, English & Hindi; *Hobb*: Plants collection; *Add*: Ayurvedic College, Jalna.

NANDA, (Dr.) Janardan—Asstt. Prof., Dept. of Elect. Engg., I.I.T., New Delhi since May 1965; *b* 15 August 1937 at Cuttack; *Edn*: B.E.E. (Hons) in 1958 from Jadavpur Univ. & Ph.D. in 1964 from Moscow Power Institute; *Resch Exp:* For 8 years in power system analysis and stability; *Pub*: Several papers on steady state stability, effects of inertia constant, electronic excitation voltage regulator etc.; *Exp*: Hirakud Dam Project 1958; Burla Engg. College 1958-61; Moscow Power Institute 1961-64; I.I.T. Bombay 1965; BHU 1965; *Knows:* English, Russian, Hindi, Bengali & Oriya; *Visited:* USSR & UK, Belgium, Netherland, Germany, Finland & Poland; *Add*: c/o Sri M. Nanda, Shaikh Bazar, Cuttack-1.

NANDA, (Dr.) Krishna Kumar—Prof. of Plant Physiology, Dept. of Botany, Panjab Univ. since August 1963; *b* 1 January 1918 at Pind Dadankhan (W. Panjab); *Edn:* M.Sc. in 1941 with first class first from BHU, Ph.D. in 1947 from Bombay Univ.; *Resch Exp*: For 26 years in growth and development of plants; *Pub*: About 100 papers in Indian and foreign journals; *Honours*: Fulbright-Smith-Mundt Scholarship 1954-56; *Exp*: BHU; Indian Agrl. Research Institute, Agra Univ., Delhi Univ., Univ. of California, F.R.I. (Dehradun); *Mem*: Editor-in-Chief, Indian Journal of Plant Physiology; Member of I.C.A.R. Scientific Panel for Plant Physiology & Biochemistry; *Knows*: English, Hindi, Panjabi & Urdu; *Visited*: USA, France, UK, Germany & Italy; *Add*: Dept. of Botany, Panjab Univ., Chandigarh.

NANDI, Santi Bhushan—Asstt. Anthropologist, Anthropological Survey of India, Calcutta since 1968; *b* 1 December 1933 at Howrah; *Edn*: M.Sc. (Anth) in 1957 from Univ. of Calcutta; *Resch Exp*: For 12 years in tribal and non-tribal population in the States of W. Bengal, Bihar, Orissa, Mysore & Kerala; *Pub*: More than 10 papers; *Exp*: For 3½ years in different States; *Mem*: Indian Science Congress, Indian Anthropological Society, American Anthropological Association; *Knows*: English, Bengali & Hindi; *Hobb*: Photography & gardening; *Add*: 94, Kali Kundu Lane, Howrah-1.

NANJUNDAPPA, (Dr.) D. M.—Prof. & Head, Dept. of Economics, Karnatak Univ. since August 1960; *b* 25 October 1929 at Dogganahal in Dist. Chitaldrug; *Edn*: M.A. (Econ) in 1952 with first class first & Ph.D. (Economic Policy & Full Employment in India) in 1957 from Mysore Univ.; Special Auditor Course in 1963-64 from Harvard Univ.; *Pub*: Books on Community Development & Employment, Local Taxation in Urban Areas; besides 25 papers on Wage Policy, Restrictive Trade Practice, Incidence of Taxation etc.; *Honours*: Awarded Sir Hugh Daly Memorial Gold Medal for distinction in Economics; *Exp*: Univ. of Mysore 1952-56; Ministry of Commerce & Industry 1956-59; Ministry of Community Development & Co-operation 1959-60; *Mem*: Indian Economic Association, Hubli-Dharwar Planning Authority, Sub-Cttee of Kannada Encyclopaedia, Resource Advisory Cttee of Govt. of Mysore; *Knows*: English, Kannada & Hindi; *Visited*: UK, USA, Italy & Egypt; *Add*: Sharadakripa, A 23, Karnatak Univ., Campus, Dharwar-3.

NARAIN, (Dr.) Avdhesh—Assoct. Prof., Dept. of Mycology & Plant Pathology, College of Agri., Bhubaneswar-3 since September 1964; *b* 24 February 1934 at Lucknow; *Edn*: M.Sc. (Botany) in 1955 from Univ. of Lucknow & Ph.D. (Plant Pathology) in 1962 from Univ. of Florida, USA; *Resch Exp*: For 15 years in physiology of host-pathogen interactions and cereal pathology; *Pub*: About 15 papers in Indian and foreign papers; *Exp*: Univ. of Lucknow 1955-58; Univ. of Florida 1958-63; *Mem*: Gamma Sigma Delta, Alpha Zeta, American Phytopathological Society, American Institute of Biological Sciences, Indian Phytopathological Society, Indian Science Congress; *Knows*: English, French, German & Hindi; *Visited*: USA, UK, France, Germany, Italy & Switzerland for further studies; *Hobb*: Reading of scientific literature and travelling; *Add*: c/o Dr. J. B. L. Mathur, Har Nivas, Sarojini Naidu Marg, Lucknow.

NARASIAH, (Dr.) K.—Head, Dept. of History, Central College, Bangalore Univ. since 1964; *b* 4 August 1923 at Sindhaghatta in Dist. Mandya; *Edn*: M.A. (History) in 1953 winning Gold Medal & P.G. Dip. in Indology in 1964 from Mysore Univ.; Ph.D in 1960 from Univ. of N. Carolina, USA; *Resch Exp*: For 6 years; *Pub*: On United States of America, Main Events of American History, Size of York Town (1780), Nehru's Visits to the United States, Nehru & the United States (1947-57), Nehru's role in the Korean War, The Republican New look in S.E. Asia besides plays etc.; *Exp*: Maharaja's College, Mysore; Maharaja's College, Bangalore; *Knows*: English, Kannada, French, Sanskrit & Hindi; *Visited*: USA; *Add*: Dept. of History, Central College, Bangalore.

NARASIMHAIAH, C. D.—Prof. & Head, Dept. of English, Mysore Univ. since 1955; *b* May 1921 at Closepet in Dist. Bangalore; *Edn*: M.A. (English) in 1949 from Cambridge, UK; *Pub*: Books on Jawaharlal Nehru: A Study of his Writings and Speeches, F. R. Leavis: Some aspects of his work, The Writer's Gandhi, The Human Idiom, Indian Response to American Literature, and edited several others; *Exp*: Started with Univ. of Mysore; *Mem*: International Institute of Arts & Letters (Switzerland), Sahitya Akademi, Indian Institute of Advanced Study (Simla); *Visited*: USA & Australia; *Knows*: English, Kannada & Telugu; *Add*: Dept. of English, Mysore Univ., Mysore-6.

NARAYAN, Lakshmi—Principal, Gumla College, Gumla since October 1960; *b* 18 October 1927 at Muzaffarpur; *Edn*: M A (English) in 1948 from Patna College, Patna; *Exp*: Rajendra College, Chapra 1949-60; Jai Prakash Mahila College, Chapra (as part-time); *Mem*: Senate, Board of Studies Faculty of Arts & Commerce & Academic Council of Ranchi Univ.; *Knows*: Hindi & English; *Hobb*: Chess; *Add*: Gumla College, Gumla.

NARAYANA, (Dr.) N.—Head, Dept. of Bio. & Agrl. Chemistry, M. A. C. S. Poona since 1960; *b* 27 June 1903 at Bangalore; *Edn*: M. Sc. in 1929 & Ph. D. in 1938 from Bombay Univ.; *Resch Exp*: For about 30 years; *Pub*: Two books and over 60 papers; *Exp*: Agrl. Chemist to Govt. of Bombay for 10 years; Agrl. College, Poona; B. J. Medical College Poona; Agrl. College, Parbhani (as Principal); *Mem*: Royal Institute of Chemistry, Academy of Sciences of India, Society of Biological Chemists, Hony. Secy of M. A. C. S.; *Knows*: English, Kannana, Marathi & Sanskrit; *Add*: M. A. C. S., Agarkar Road, Poona-4.

NARAYANA, (Dr.) Dhulipalla Lakshmi—Prof. & Head, Dept. of Economics, S.V. Univ. and Director, Farm Management Research Centre, since 1964; *b* 12 January 1925 at Guntapalli in Dist. Krishna; *Edn*: M.A. (Econ) in 1950 & Ph.D. in 1955 from Andhra Univ.; *Resch Exp*: For over 20 years, guiding research students and several projects; *Pub*: Books on Employment and Economic Development, Entrepreneurship and Agricultural Development, Studies in Rural Development besides 40 papers in many journals; *Exp*: Started at S.V. Univ. in 1955; *Honours*: Awarded Sir Raghupathi Venkataratnam Gold Medal; first Ph.D. in the Univ; *Mem*: Indian Economic Association (in the Executive for 1966-67), Society for International Development, Regional Planning Forum, Wage Board for Leather & Leather Manufacturers; *Knows*: English & Telugu; *Visited*: USA; *Add*: Dept. of Econ. S.V. Univ., Tirupati.

NARAYANAMURTHI, (Dr.) R.G.—Prof. & Head, Dept. of Mech., Engg., I.I.T., Madras since May 1960; *b* 22 June 1919 at Coimbatore; *Edn*: B.E. (Hons) in 1942 from Madras Univ.; D.I.I.Sc. (Aero Engg) in 1944 from Indian Institute of Science, Bangalore; Cert. Ae. Engg. in 1946 from College of Aeronautical Engg., London; D.I.C. (London) in 1947 from Imperial College, London; Special Courses in Gas Turbines & I.C. Engines, Propulsion Systems & Turbomachines from Power Jets Ltd. (London), Rolls Royce Ltd. (UK) & Airways Training Ltd. (UK); *Resch Exp*: For past 20 years; *Pub*: Over 10 papers in the field of turbomachinery; *Exp*: Indian Institute of Science, Bangalore 1952-60; I.I.T., Madras since 1960; also worked with M/S Hindustan Aircraft Ltd., Bangalore; Defence Science Organisation, Delhi & Bangalore; *Mem*: American Society of Mechanical Engineers, Society of Automobile Engineers, Rotary Club of Madras; *Knows*: English, Tamil & Telugu; *Visited*: UK 1945-48; also visited France, Switzerland, Czechoslavakia & Sweden; *Add*: Dept. of Mech. Engg., I.I.T., Madras-36.

NARENDRA NATH, (Dr.)—Reader in Physics, BHU since November 1964; *b* 13 December 1932 at Lahore; *Edn*: M.Sc (Physics) in 1953 & Ph.D. (Nuclear Physics) in 1961 from Univ. of Delhi; *Resch Exp*: For past 16 years in experimental nuclear physics; *Pub*: About 30 research papers in Indian and foreign journals; *Exp*: Physical Research Lab., Ahmedabad 1953-54; Univ. of Delhi 1954-57; Franklin Institute, USA 1957-59; Louisiana State Univ. 1959-60; Univ. of Delhi 1961-62; U.K. Atomic Energy Research Establishment, UK 1962-64; BHU since 1964; *Mem*: Sigma Pi Sigma; American Physical Society; *Knows*: Hindustani, English & German; *Visited*: USA, UK, Japan, Germany, France, Switzerland etc.; *Hobb*: Photography, travelling; *Add*: 7, Medical Enclave, BHU, Varanasi-5.

NARENDERPAL SINGH—Military Attache, Embassy of India, Paris; *b* 17 October 1924 at Kania Bungalow, Lyallpur; *Edn*: B.A. in 1942, Giani in 1939 from Punjab Univ.; *Exp*: Commissioned Officer 1942; Indian Military Attache, Kabul 1956-59; Dy. Military Secy., President of India 1962-66; *Mem*: Sahitya Akademy, Panjabi Sahitya Academy, P.E.N., L'Union Artistique et Intellectual Francais, Societe des Gens de Letters de France, Comite National des Ecrivains; *Pub*: About 30 books especially on literature and religion; novels mostly and portraying the history of Punjab from 1710 to 1849 and translated in English, French and several other languages; *Visited*: West Asia, Europe, USSR & USA; *Hobb*: Tennis and riding; *Add*: c/o N & G Bank, Parliament Street, New Delhi.

NAROLIA, Aniruddha Singh—Principal, J.N. Mahavidyalaya, Deori since 1965; *b* 1 July 1935 at Karapgaon in Dist. Narsimhapur; *Edn*: M.A. (Econ) in 1957 & M.Com. in 1959 from D.N. Jain College, Jabalpur; Ph.D. submitted on 'A Critical Study of Machinery for Planning in India'; *Pub*: On The National Planning Machinery, Planning Commission after Re-organisation etc.; *Exp*: Vice-Principal, N. N. Mahavidyalaya, Gadarwara 1960-65; *Knows*: Hindi, English & Sanskrit; *Genl*: Keenly interested in the schemes for development of the Govt. of India; *Add*: Vill. & P.O. Karapgaon, Dist. Narsinghpur, M.P.

NASIPURI, (Dr.) Dhanonjoy—Reader in Chemistry, Calcutta Univ. since July 1962; *b* 1 April 1925 at Shitalgram in Dist. Birbhum; *Edn:* M.Sc. (Org Chem) in 1948 with first class first, D.Phil. in 1955 & D.Sc. (Org Chem) in 1963 from Calcutta Univ.; *Resch Exp:* For past 20 years in synthetic organic chemistry, stereochemistry and re-action-mechanism; *Pub*: over 60 research papers; *Honours:* First in B.Sc. and recipient of Basudeb Banerji Memorial Lecturership and medal from Indian Chemical Society; *Exp:* In Calcutta Univ. since 1950 and held different positions; Univ. of Manchester 1957-58; Univ. of Notre Dame, USA 1963-65; New South Wales Univ., Australia 1968; *Mem*: Indian Chemical Society. Chemical Society (London), Sigma Xi and Fellow of Royal Institute of Chemistry (London); *Knows*: Bengali, English & Hindi; *Visited*: UK, USA, Australia, Poland & Japan; *Hobb*: Bridge; *Add*: Dept. of Chemistry, Calcutta Univ., Calcutta.

NATARAJAN, (Dr.) Rajagopalan—Sr. Scientific Officer (I), Defence Laboratory, Jodhpur since November 1965; *b* 4 September 1930 at Sirkali in Dist. Tanjore; *Edn*; M.Sc. (Chem) in 1958 with first rank and Ph.D. in 1962 from BHU; *Resch Exp*: In Defence research and development problems; *Pub*: Over 25 research papers; *Honours*: Received Cash Award from Invention Promotion Board for development of an indigenous desalting kit; *Exp*: Joined Defence Research & Development Organisation in Ministry of Defence in 1949 and held different positions; *Knows*: Tamil, English, Hindi & German; *Add*: Defence Laboratory, Post Box. 136, Jodhpur.

NATH, (Dr.) Madhab Chandra—Head, Dept. of Biochemistry, Nagpur Univ. since June 1946; *b* 23 October 1905 at Hashara in East Pakistan; *Edn:* M.Sc. (Chem) in 1930 with Elliot Prize & D.Sc. in 1937 from Dacca Univ.; *Resch Exp*: For past 40 years; *Pub*: Over 225 papers mainly on carbohydrates, lipid metabolism, diabetes, atherosclerosis, biosynthesis and metabolism of vitamins; *Honours:* G.J. Watumull Award in 1964 for biochemistry; *Exp:* Dacca Univ. 1937-46; joined Nagpur Univ. in 1946; *Mem*: President of Physiological Section of Indian Science Congress in 1964; Member of Society for Experimental Biology & Medicine (USA), Society of Biological Chemists, Physiological Society of India; Fellow of National Institute of Sciences of India, Royal Institute of Chemistry (London), Institute of Chemistry; *Knows*: English, Bengali & Hindi; *Visited*: USA, UK & USSR as visiting professor; *Add*: Dept. of Biochemistry, Nagpur Univ., Nagpur.

NATH, Prem—Head, Dept. of Horticulture, S.K.N. College of Agri., Jobner since 1964; *b* 12 November 1937 at Dinapore in Dist. Patna; *Edn*: M.S. (Hort) in 1960 & Ph D in 1962 from Kansas State Univ., USA; *Resch Exp*: For 10 years in horticulture; *Pub*: Extension bulletins on Curcurbitaceous vegetables in Northern India, Major Leafy Vegetables in India; over 30 research papers; *Exp*: Dept. of Agri., Bihar Govt. 1958-59; Kansas State Univ. 1959-62; I.A.R.I., 1962-64; *Mem*: Gamma Delta, Sigma Xi, Horticulture Society of India, Royal Horticultural Society (London), Indian Society for Genetics & Plant Breeding, Agri-Horticultural Society, Mysore Horticultural Society; *Knows*: Hindi & English; *Visited*: USA & Europe; *Add*: Bungalow No. 13, Lal Kothi, P.O. Dinapore, Bihar.

NATH, Rainguntwar Pandhari—Founder Principal, Dr. Ambedkar College of Commerce, Aurangabad since 1960; *b* 15 October 1929 at Kondalwadi in Dist. Nanded; *Edn:* M.Com. in 1954 from Univ. College, Hyderabad; LL.B. in 1964 from M.P. Law College, Aurangabad; *Exp*: Milind Mahavidyalaya, Aurangabad; Dr. Ambedkar College of Commerce, Aurangabad; Dept. of Commerce, Marathawada Univ.; *Mem*: Academic Council, Court & Board of Studies of Marathawada Univ.; Secy. Bharat Sevak Samaj (Aurangabad), Ex—Dean, Faculty of Commerce of Marathawada Univ.; Member of Marathawada Development Council, Aurangabad Zilla Parishad, Director of People's Coop. Bank Ltd., associated with numerous social bodies; *Knows*; Marathi, Hindi, Urdu, Telugu & Canarese; *Add*: Dr. Ambedkar College of Commerce, Aurangabad.

NAWAB, (Dr.) Syed Mobarak—Principal, Darbhanga Medical College, Laheriasarai since June 1967; *b* 3 January 1911 at Patna; *Edn*: MBBS in 1935 winning 3 medals from Patna Medical College, Patna; MRCOG in 1941 from Royal College of Obst. & Gyna.; F.R.C.S. (Surgery) in 1947 from Royal College of Surgeons of England; *Exp:* Lecturer in Surgery, Patna Medical College 1944-56; Prof. & Head, Dept. of Surgery, Darbhanga Medical College since 1956; *Mem:* Indian Medical Association, Association of Surgeons of India, Royal College of Surgeons, International College of Surgeons; *Knows:* English, Hindi, Urdu & Persian; *Visited*: UK etc.; *Hobb*: Tennis & chess; *Add*: Darbhanga Medical College, Laheriasarai, Bihar.

NAYAK, (Dr.) Virendra Kumar—Centre of Advanced Study in Geology, Univ. of Saugar since January 1966; *b* 22 March 1935 at Pachmarhi in Dist. Hoshangabad; *Edn*: M.Sc. (Geol) in 1956 & Ph.D. in 1962 from Saugar Univ.; *Resch Exp:* For 4 years in mineralogy and genesis of manganese ores of Kajlidongri mine; *Pub:* Preparing translation of geological dictionary, papers on economic geology and ore microscopy; *Honours*: Fellowship of the British Council 1965; Visiting Fellow of Netherlands Organisation for Scientific Research 1965, Fellowship of Univ. of Heidelberg; *Exp*: Univ. of Recife, Brazil 1962-65; *Mem*: Mineralogical Society of Great Britain, Mineralogical Society of America, Meteorological Society (USA), Geochemical Society (USA), Mineralogical Society of India, Geological Society of India, Indian Science Congress etc.; *Knows:* English, Hindi & Portuguese; *Visited*: Brazil, Spain, France, UK, Holland, W. Germany, Switzerland, Italy, Austria, Greece & Egypt; *Add*: Dept. of Geology, Univ. of Saugar, Sagar.

NAYAR, (Dr.) C. K. Velayudhan—Prof. & Head, Dept. of Pharmacology, Madras Vety. College, Madras since 1948; *b* 15 September 1912 at Vallikunnu in Dist. Kozhikode; *Edn*: M.S. in 1961 from Univ. of Missouri, USA; *Pub*: Book on 'Aswacikitsa' in Malyalam besides 15 papers; *Exp*: Started at Madras Vety. College and held different positions; *Mem*: American Society of Vety. Physiologists & Pharmacologists, Madras Vety. Association; *Knows:* Malayalam, Tamil & English; *Visited*: USA & UK; *Add*: Vety. College, Madras-7.

NAYAR, (Dr.) K. Karunakaran—Prof. & Head, Dept. of Zoology, Kerala Univ. since 1963; *b* 12 June 1920 at Kottarakkara in Kerala; *Edn*: M.A. (Zool) in 1947 from Madras Univ., Ph.D. in 1947 from Univ. of Travancore; *Pub*: Forty papers; *Exp*: since 1944 at Univ. of Kerala; Principal Investigator of the Ford Foundation Research Scheme on Reproductive Biology of Insects and PL 480 Scheme on Endocrinology of Reproduction in Crustacea; *Mem*: Participated in 3rd International Congress of Endocrinology at Mexico in July 1968; *Knows*: Malayalam & English; *Visited:* All places except Latin America and Australia for participation in international seminars and doing research work; *Add*: Devi Vilas, Vazhuthacaud, Trivandrum-10.

NAYAR, (Dr.) V. K. Sukumaran—Prof. & Head, Dept. of Politics, Kerala Univ. since 1957; *b* 23 December 1921 at Ettumanur in Kerala; *Edn*: M.A. (History) in 1943 with first class first from Kerala Univ., M.A. (Pol. Sc.) in 1956 & Ph.D. in 1957 from Yale Univ., USA; *Resch Exp*: For about 25 years; *Pub*: Books on Social, Economic & Political Ideologies behind the Indian Constitution; Problems of Municipal Administration in Kerala, Gandhi--Sahityam etc.; *Exp*: Teaching for past 20 years at Kerala Univ.; *Mem*: President of Raja-neeti Parishad, 1964-66; President, Kerala Univ. Teachers Association 1964-66; Member of Executive Cttee of Indian Political Science Association, American Political Science Association; *Knows*: English, French & Malayalam; *Visited*: USA 1954-56 & 1966-67; *Add*: Dept. of Politics, Univ. of Kerala, Trivandrum.

NAYUDAMMA, (Dr.) Yelavarty—Director, Central Leather Research Institute, Madras since 1956; *b* 10 September 1922 at Ipurlanka in Andhra Pradesh; *Edn:* M.S. (Leather Chemistry) in 1948 & Ph.D. in 1951 from Le High Univ., USA; *Resch Exp*: For 20 years in chemistry, biochemistry, leather technology; *Pub*: More than 230 papers in Indian and foreign journals; *Honours*: Recepient of Dr. K.G. Naik Gold Medal in 1965 by Univ. of Baroda; *Exp*: Associated with the Central Leather Research Institute since 1952; Hony. Prof of Leather Technology Univ. of Madras; *Mem*: Senate; Academic Council, Board of Studies of Madras Univ.; Member of Sigma Xi, Society of Leather Trades Chemists (UK), American Leather Chemists Association, American Chemical Society, Royal Institute of Chemists, Indian Leather Technologists Association, Institution of Chemists, Indian Academy of Sciences; *Knows*: English, Telugu, Tamil, French & German; *Visited*: USA, UK, USSR, East European countries, Belgium, Germany, Netherlands, Australia, New Zealand & France; *Add*: Central Leather Research Institute, Madras-20.

NEERAJ, Gopal Das—Poet, & publisher; *b* 8 February 1926 at Etawah; *Edn*: M.A. (Hindi) in 1953 from D.A.V. College, Kanpur; *Resch Exp*: For 2 years in Agra Univ.; *Pub*: Books on Dard Diya Hai, Pran-geet, Vibhviri, Aasawari, Muktaki, Do geet, Geet bhi Ageet bhi, Neeraj ki Pati, Karvan Guzar Gaya, Sumitranandan Pant - ek Adhyayan, Badal Baras Gaye etc.; *Honors*: Awarded by U.P. Govt. in 1958 and Rs. 5.000/- award from Chief Minister of Maharashtra in 1960; *Exp*: For about 13 years at Meerut College, Meerut and D.S. College, Aligarh; *Genl*: Writing lyrics for films and editing a quarterly 'Laya'; *Knows*: Hindi, English, Sanskrit, Urdu & Espranto; *Add*: 47, Maris Road, Aligarh.

NEMA, (Dr.) Hari Vallabh—Reader in Ophthalmology, College of Medical Sciences, BHU since February 1966; 1 July 1934 at Rajgarh; *Edn*: M.S. in 1961 from G. R. Medical College, Gwalior; *Resch Exp*: For seven years in Trachomatology; *Pub*: One book on 'Introduction to Eye diseases' besides about 50 research papers; *Exp*: G.R. Medical College, Gwalior 1959-61; I.C.M.R., New Delhi 1962-63; A M.U., Aligarh 1963-66; *Mem*: All India Ophthalmological Society, U.P. State Ophth. Society, on the Editorial Board of Journal of Medicine & Surgery & Indian Journal of Optometry; *Knows*: Hindi & English; *Hobb*: Chess; *Add*: 3, Medical Enclave, BHU, Varanasi-5.

NENE, (Dr.) Madhava Ganesh—Principal, K. G. Arts & Science College, Raigarh; since Sept. 1966 *b* 16 July 1929 at Banda, U.P.; *Edn*: M.Sc. (Physics) in 1949 with first class first from Agra Univ; Ph.D. in 1963 from Vikram Univ.; *Resch Exp*: For 7 years; *Pub*: Papers in Naturwissesnschaften and other Indian journals; *Exp*: Agra College, Agra; D.A.V. College, Kanpur; Hamidia College, Bhopal; Govt. Degree College, Dewas; Holkar Science College, Indore; Govt. Science College, Jabalpur with total experience of 19 years; *Mem*: Indian Science Congress; *Knows*: Hindi, English & Marathi; *Add*: K.G. Arts & Sc. College, Raigarh.

NEWMAN, (Mrs) H.—Principal, P.S.G.R. Krishnammal College for Women, Coimbatore-4 since June 1963; *b* 31 January 1926 at Mannargudi in Dist. Tanjore; *Edn*: M.A. (Geog) in 1954 from Queen Mary's College, Madras; *Resch Exp*: In changes of land use in the city of Madras and its environs; *Pub*: Book on 'Southern Continents'; *Exp*: Queen Mary's College, Madras for 16½ years; Govt. Arts College, Ooty for 1/2 year; *Mem*: Senate, Academic Council, Board of Studies of Madras Univ.; Indian Geographical Society, Vice—President of Y.W.C.A. (Coimbatore); *Knows*: English & Tamil; *Hobb*: Music and embroidery; *Add*: PSGR Krishnammal College for Women, Peelamedu, Coimbatore-4

NIGAM, (Dr.) Kailash Chandra—Offg. Principal, Govt. College, Satna & Prof. & Head, Dept. of Chemistry since July 1965; *b* 5 May 1926 at Nagpur; *Edn*: M.Sc. (Chem) in 1947 with first class second from Nagpur Univ., Ph.D. (Application of Physical Methods for the analysis of Essential oils) in 1965 from Univ. of Saugar; *Resch Exp*: Guided theses on Reimer—Tiemann Reaction; *Exp*: For 20 years teaching U.G. classes and 12 years P.G. classes in various Colleges of Madhya Pradesh; *Mem:* Indian Science Congress; *Knows*: Hindi, English & Marathi; *Add*: Govt. College, Satna.

NIGAM, (Dr.) Raj Kumar—Asstt. Prof. in Geography, D.A.V. College, Kanpur since 1960; *b* 15 August 1938 at Kanpur; *Edn:* M.A. (Geog) in 1958 from Univ. of Allahabad, & Ph.D. (Malwa Plateau—A Study in Human Geography) in 1962 from AMU; *Pub:* Several papers on Origin and Racial Traits of Bhils, Towns of Madhya Pradesh, Malwa Plateau etc.; *Honours:* Prizes in debates during studentship; *Exp:* Started at D.A.V. College, Kanpur in 1959; *Mem:* National Geographical Society of In ia, Indian Science Congress, International Geographical Union (Zurich); *Knows:* Hindi, English & Gurmukhi; *Visited:* Nepal, Turkey, Lebanon, Egypt & Iran; *Add:* 7-125, Swarup Nagar, Kanpur.

NIGAM, (Dr.) Satgur Saran—Reader in Chemistry, Saugar Univ. since 1957; *b* 19 February 1921 at Allahabad; *Edn*: M.Sc. (Org Chem) in 1942 with first class second from Allahabad Univ., Ph D. (Chemistry of Plant Products) in 1953 from Saugar Univ., Ph.D. (Synthesis of Unsaturated fatty acids) in 1955 from London Univ., D I.C. in 1955 from Imperial College of Science & Techy; London; *Resch Exp:* For about 20 years; guiding several Ph.D. students and 12 already obtained Doctorate; *Pub*: About 60 papers on chemistry of some new Indian essential oils, colorimetry, polarography, ultra-violet and infra-red spectroscopy to study the essential oils etc.; *Exp*: Meerut College, Meerut for one year; joined Saugar Univ in 1957 and held different positions; *Mem*: British Chemical Society, Royal Institute of Chemistry, National Academy of Sciences, Rotary International; *Knows:* Hindi, Urdu, English & German; *Visited:* UK, Switzerland & Germany for higher education; *Hobb:* Music and gardening; *Add*: 21, Soaminagar, Dayalbagh, Agra.

NIJJAR, (Dr.) Bakhshish Singh—Mahendra (Govt.) College, Patiala since April 1967; *b* 30 September 1922 at Vill. Domeli in Tehsil Phagwara; *Edn*: M.A. (Panjabi) in 1951, M.A.,M.O.L. (Persian) in 1956, M.A. (History) in 1954, Ph.D. (History) in 1956 from Panjab Univ.; *Resch Exp*: Submitted thesis for D. Litt.; *Pub*: Books on Panjab under the Great Mughals (Ph D. thesis). Panjab under the Sultans (D.Litt. thesis), Many articles on historical subjects; *Exp*: Govt. College, Malerkotla 1945-47; A.S. College, Khanna 1947-48; R G. College, Phagwara 1948-49; H.N. College, Hariana 1949-55; Khalsa College, Mahilpur 1955-59; Panjab State Archives 1959-67; *Knows*: English, Panjabi, Hindi, Persian, Urdu, Assamese, Bengali & Malyalam; *Visited*: Burma & Malaya; *Add*: 17-E, Baradari, Patiala.

NIYOGI, (Dr.) Pradip—Reader in Maths., Jadavpur Univ. since 1965; *b* 8 July 1936 at Narail in Dist. Jessore; *Edn*: M.Sc. (App Math) in 1957 from Calcutta Univ., Dr. rer. nat. (Aerodynamics) in 1965 from Technical Univ., Aachen, W. Germany; *Resch Exp*: In high speed gas dynamics and aerodynamics; *Pub*: Several papers in Indian and foreign journals; *Exp*: Lecturer 1958-65 at Jadavpur Univ.; *Mem*: Indian Mathematical Society, Mathematical Association of Jadavpur; *Knows* Bengali, Sanskrit, Hindi, English, German, French & Russian; *Visited*: Germany 1961-65 & UK 1962 for higher education; *Hobb*: Photography: and hiking; *Add*: Dept. of Maths., Jadavpur Univ., Calcutta-32.

NUTAN, Krishan Kumar—Writer; *b* 29 November 1929 at Mandi; *Pub*: Books on Chanderhas, Viyakul Hirdya, Paree-prabha, Human-Rights, Adarsh Kahaniyan, Pankurian, Soana-ya-Azadi; most of published works, dramas articles stories are being put in book form; several publications in press; *Honours*: Awarded by Ragbharti Prayag & Panjab Hindi Sahitya Parishad; *Exp*: Arun Mahavidyalaya, Mandi; *Mem*: Organiser, Bhartiya Sahityakar Sangh World Sanskrit Academy, Vidya Bhavan, Prop. Secy. of Himachal-Lekah Sangh, Secy. of Madhuvan Kala Mandir (H.P.); *Genl*: Remained Hath Yogi 'Sadhu' since childhood for 10 years; the film 'Geet Gaya Pathron ne' is said to be on his story 'Yadgar'; *Knows*: Hindi, English, Sanskrit, Urdu, Gurmukhi, Pahari, Gujrati & Marathi; *Hobb:* Painting; *Add*: Arun Mahavidyalaya, Mandi, H.P.

O

OJHA, (Dr.) Awadh Bihari—Counselling Psychologist; *b* 1 November 1939 at Muzaffarpur; *Edn*: M.A. (Psy) in 1960 with first class first from L.S. College; B.A. (Hons) (Psy) in 1962 & Ph.D. in 1966 from Univ. College, London Univ.; *Resch Exp*: For ten years; *Pub*: Over 20 papers mostly in international journals; *Exp*: Univ. College, London 1962-65; L.S. College, Bihar Univ. 1966-68; Patna Univ. (at Institute of Psychological Research & Service) since 1968; *Mem*: British Psychology Society, American Psychological Association, Indian Psychological Association etc.; *Knows:* Hindi & English; *Visited*: UK 1960-66; *Hobb*: Gardening and cards; *Add*: Institute of Psychological Research & Service, Patna-5.

OJHA, (Dr.) Durga Dutt Gangadhar—Principal, S.P. Medical College, Bikaner since March 1964; *b* 1 November 1914 at Bikaner; *Edn*: M.S. (Surgery) in 1943 from Bombay Univ.; *Pub*: Papers on Volvulus of Small Intestine, Porphyria etc.; *Exp*: House Surgeon & Actg. Casualty Officer, Dressing Supervisor, Casualty Officer, Actg Surgical Registrar at Seth G.S. Medical College & K.E.M. Hospital, Bombay during 1940-43; Prof. of Surgery at S.P. Medical College, Bikaner since 1964; Trained in Thoracic & Cardiovascular Surgery at Toronto during 1956; *Mem*: Association of Surgeons of India, Indian Medical Association; Faculty & Senate of the Univ.; *Knows*: Hindi & English; *Visited*: Canada & USA; *Add*: S.P. Medical College, Bikaner.

OJHA, Navneet Lal—Principal, R.N.P. Law College, Ratlam since 1963; *b* 15 August 1910 at Sitamau in Dist. Mandsaur; *Edn*: B.A.,LL.B in 1938 from Holkar College, Indore; *Exp*: About 30 years experience of private legal practitioner in M.P. High Court; *Mem*: Senate, Faculty of Law of Vikram Univ.; Past President of Bar Association, Ratlam; Rotary Club of Ratlam, associated with many social organisations; *Knows*: Hindi, English & Sanskrit; *Add*: Nav Kunj, opp. Govt. College, Ratlam.

OSWAL, Hira Lal—Assoct. Prof. in Civil Engg., Univ. of Roorkee since February 1967; *b* 24 July 1924 at Gotegaon in Dist. Hoshangabad; *Edn*: P.G. Diploma in 1954 & M.S. (Civil Engg) in 1955 from Univ. College of London; *Resch Exp*: For 10 years in advanced surveying and photogrammetry; supervised a number of Research Projects including 3 from C.S.I.R.; *Pub*: About 16 papers mainly on Time factor in Deep Mine Surveying, Stereoscopic Vision, Photogrammetry in Structural & Earthquake Engineering; Aerial photographs in ground water problems; *Exp*: BHU for 9 years, Practical experience at Kolar Gold Field, Wild Heerbrugg Ltd., Switzerland; *Mem*: American Society of Photogrammetry, Photogrammetric Society of England; *Visited*: UK 1953-55 and 1965; France, Switzerland, Austria, Italy, Germany & Netherlands for higher studies and practical experience; *Add*: Dept. of Civil Engg., Univ. of Roorkee, Roorkee.

P

PADMANABHAN, S.—Principal, Govt. College, Dharmsala since December 1966; *b* 17 February 1928 at Madras; *Edn :* M. A. (Geol) in 1947 from Presidency College, Madras & M.S. (Mining Engg) in 1950 from School of Mines, Univ. of Missouri, USA; *Resch Exp:* For about 10 years; *Exp :* Univ. of Saugar 1951—53; Govt. College, Dharmsala 1953—61; Mahendra College, Patiala 1961-62; Govt. College, Gurdaspur 1962-66; *Knows* : English, & Tamil; *Visited* : USA, UK, Switzerland and Western Europe; *Add*: Govt. College, Dharmsala. H.P.

PAIN, (Dr.) Santosh Kumar—Head, Dept. of Botany, Govt. College, Darjeeling since August 1967; *b* 1 May 1924 at Calcutta; *Edn*: M. Sc. (Bot) in 1946 with first class first, winning Gold Medal and many prizes from Presidency College, Calcutta; Ph. D. (Plant Physiology) in 1960 from King's College, London; *Resch Exp*: In Photoperiodism, vernalization, growth development and mineral nutrition of crop plants, biochemical changes in maize plants; *Pub* : About 10 articles; *Honours*: Awarded Jatindra Chandra Prize 1940, Medal for standing first in All Bengal Inter Collegiate Essay Competition; *Exp* : Central Calcutta College, Calcutta; King's College, London; Presidency College, Calcutta; *Mem* : Indian Science Congress, Botanical Society of Bengal, Univ. bodies; *Knows* : Bengali & English; *Visited* : UK; *Hobb :* Stamp collection; *Add :* Govt. College, Darjeeling.

PAL, (Dr.) Jadunath—Dept. of Zoology, Brahmananda Keshab Chandra College, Calcutta-35 since September 1961; *b* 9 October 1931 at Kakinada in Andhra Pradesh; *Edn* : M. Sc. (Bot) in 1957 from Ranchi College, Ranchi & M. Sc. (Zool) in 1961 from Birla College, Pilani; *Resch Exp* : In the field of Fodder Crop Problems, Relationship of Aquatic vegetation and growth of Mosquitoes, growth-rate effects of certain species of grasses; *Pub* : Wrote several short stories for children in English & Telugu, several popular scientific articles on Exotic Fishes in India, Interesting Animals, Fishing Gears of India, Cartilaginous Fishes etc.; *Exp* : Central Livestock Research-cum-Breeding Station, Haringhata 1958; Ram Saday College, Amta 1959; *Mem* : Indian Science Congress, Zoological Society of India; *Genl :* Conducting Biological excursions; *Knows* : English, Bengali, Telugu & Hindi; *Sports* : Hockey and aquatic sports of Calcutta Univ.; *Add* : 130A, Ballygunge Gardens, Calcutta-19.

PAL, (Dr.) Mahendra—I. A. R. I., New Delhi; *b* 25 July 1938 at Sonpra in Dist. Etah; *Edn :* M. Sc. (Agronomy) in 1962 & Ph. D. in 1966 from I. A. R. I., New Delhi ; *Exp :* Soil Conservation Board of India; *Mem* : Indian Society of Agronomy, Indian Society of Soil Sciences, International Society of Soil Sciences; *Knows:* Hindi, English, French & Sanskrit; *Add* : Dept. of Agronomy, I. A. R. I., New Delhi-12.

PAL, (Dr.) Prabhat Ranjan—Head of Biochemistry Dept., Indian Statistical Institute, Calcutta since 1961; *b* 1 October 1926 at Vill. Bhanderdihi in W. Bengal; *Edn* : M. Sc. in 1947 from Calcutta Univ.; Ph. D. from Calcutta Univ ; *Resch Exp* : For over 25 years; *Pub :* Over 30 research papers; *Exp* : Univ. of Texas, USA 1955-56; Univ. of Michigan 1956-60; Univ. College of Science, Calcutta 1961 onwards ; *Mem* : New York Academy of Science, American Association for the Advancement of Science, Chemical Society of America, Indian Science Congress; *Knows* : English & Bengali; *Visited* : UK, USA, Norway 1960, Germany 1960; *Hobb* : Music and painting: *Add* : 829, Lake Town, Calcutta-55.

PAL, (Dr.) Rudrendra Kumar—Prof. of Physiology, Calcutta National Medical Institute, Calcutta since 1964 ; *b* 25 October 1902 at Sylhet in East Pakistan ; *Edn :* M. Sc. in 1927 with first winning Gold Medal and prizes from Presidency College, Calcutta ; M.R.C.P. in 1931 from Royal College of Physicians, UK & D.Sc. in 1931 from Edinburgh Univ. ; *Resch Exp :* In the field of Endocrine Organs, Vitamins, Nutrition, Medicine and Pharmacology for 40 years : *Pub :* A Hand-book of Modern Physiology (now in its 5th edition) and ten books in Bengali ; Research papers mainly on Action of Insulin on Heart & Blood pressure, Structural changes in the Parathyroids, South Indian diet, pulses, treatment of Graves' deseases with radioiodine etc. ; *Honours :* N.M. Brahmachari Gold Medal 1935, Narsingdas Bengali Prize (Delhi Univ) 1951 and again in 1965 ; *Exp :* K.E. Hospital Medical School, Indore 1927-29 ; Prince of Wales Medical College, Patna 1932-35 ; Univ. College of Science, Calcutta 1941-45 ; R.G. Kar Medical College, Calcutta 1943-64 ; *Mem :* Senate, Faculty of Medicine of Calcutta Univ. ; National Institute of Sciences of India and member of its Council 1961-66 ; Asiatic Society (Medical Secy. 1960-63), Indian Medical Association, Physiological Society of India, several other educational associations ; *Knows :* Bengali, English & Hindi ; *Visited :* Scotland, France, USSR, Japan, USA & Poland ; *Add :* 5/4, Ballygunge Place, Calcutta—19.

PAL, (Dr.) Samir Kumar—Reader in Education, Allahabad Univ. since 1954 ; *b* 4 November 1928 at Allahabad ; *Edn :* M.A. (Econ) in 1948, M.Ed. in 1951 & D. Phil. (Edn) in 1966 from Allahabad Univ. ; *Pub :* Books—Great Western Educators, Principles and Foundations of Education, Guidance in Many Lands, Great Indian Educators, Educational Psychology ; articles more than 20 ; *Exp :* S.P.H. School, Allahabad for 2 years ; K.R. Training College, Mathura for one year ; Psychologist, Dist. Centre, Meerut for 2 years ; *Mem :* American Personnel & Guidance Association, All India Educational & Vocational Guidance Association ; *Knows :* Bengali, Hindi, English & French ; *Visited :* USA 1961-62 ; *Hobb :* Music, painting, social work etc. ; *Add :* Dept. of Education, Allahabad Univ., Allahabad.

PALEKAR, Gopal Purushottam—Principal, R.A. Podar College of Commerce & Economics, Bombay since 1963 ; *b* 27 October 1920 at Shrigonda in Dist. Ahmednagar ; *Edn :* M.A. (Techniques of Market Research, Corporation Finance, Organisation of Industries) in 1952 from Bombay Univ. ; *Exp :* Lecturer 1950-54, Prof. of Commerce 1954-63 at R.A. Podar College of Commerce & Economics, Bombay ; *Mem :* Indian Marketing Association, National Productivity Council (Bombay Branch), Bombay Management Association ; *Knows :* Marathi, Hindi & English ; *Add :* R.A. Podar College of Com. & Economics, Matunga, Bombay-19.

PALIWAL, (Dr.) Ripusudan Lal—Director, Seed Production & Director, Experiment Station, U.P. Agrl. Univ., Pantnagar ; *b* 25 January 1928 at Sista in Dist. Mathura ; *Edn :* M.Sc. (Agri) in 1949 & Ph. D. in 1954 from Agra Univ. ; *Resch Exp :* For 20 years on various aspects ; *Pub :* About 30 papers ; *Exp :* Asstt. Prof. 1949-55 & Assoct. Prof. 1955-60 at B. R. College, Agra ; I.A.R.I., New Delhi 1960-64 ; Director of Experiment Station since May 1964 & Director of Seed Production since May 1967 at U.P. Agrl. Univ. ; *Knows :* Hindi & English ; *Visited:* USA 1956-58 ; *Add:* Experiment Station, U.P. Agrl. Univ., Pantnagar, Dist. Nainital.

PALSAPURE, Prabhakar Zangoba—Prof. & Head, Dept. of Commerce, Ahmednagar College, Ahmednagar for last 5 years ; *b* 16 September 1931 at Wardha ; *Edn :* M. Com. in 1956 & M.A. (Econ) in 1961 from Ahmednagar College, Ahmednagar ; *Resch Exp :* In the field of Industrial Development of Vidarbha ; *Pub :* Role of Ancillary Industries in a developing Economy, Indian Labour Relations Machinery, Ferro-Manganese Industry in Maharashtra ; *Exp :* Started with Ahmednagar College, Ahmednagar ; *Mem :* All India Commerce Association, Maharashtra Chamber of Commerce ; *Knows :* Marathi, English & Hindi ; *Add :* Ahmednagar College, Ahmednagar.

PANDE, Chandrashekhar Ganesh—Dept. of Psychology, Nagpur Univ. since July 1964 ; *b* 5 April 1937 at Jalgaon in Dist. Buldana ; *Edn :* M.A. (Psy) in 1960 with first class first from Poona Univ. ; *Resch Exp :* In the field of Cognitive and perceptual styles as Personality Variables ; *Pub :* Several papers on Psychology and industrialisation, achievement motivation, Reminiscences, Family life etc. ; *Exp :* Fergusson College, Poona 1960-62 ; Arts & Science College, Chalisgaon 1962-64 ; *Mem :* Indian Academy of Applied Psychology ; *Genl :* Helping the needy and poor students ; *Knows :* English, Hindi & Marathi ; *Hobb :* Gardening ; *Add :* A-16, Univ. Qrs., L. I. T. Campus, Amraoti Road, Nagpur-1.

PANDE, (Dr.) H. K.—Agrl. Engg. Dept., I. I. T., Kharagpur since 1956 ; *b* 30 November 1926 at Pandepur in Dist. Jaunpur ; *Edn* : M.Sc. (Agronomy) in 1949 from Agra Univ. & Ph.D. in 1956 from Univ. of Agra ; *Resch Exp* : For 20 years ; *Pub* : About 30 research papers in Indian and foreign journals ; *Exp* : B. R. College, Agra 1949-55 ; joined I. I. T., Kharagpur in 1956; *Mem* : Indian Society of Agronomy, American Society of Agronomy, Crop Science Society of America ; *Knows* : English, Hindi & Urdu ; *Visited* : USA, UK, France, Germany, Switzerland & Italy during 1961-62 for post-doctoral research work ; *Add* : Dept. of Agrl. Engg., I. I. T., Kharagpur.

PANDE, (Dr.) Irish Chandra—Prof. & Head, Dept. of Geology, Univ. of Punjab since February 1966 ; *b* 14 January 1914 at Nainital in U. P. ; *Edn* : M.Sc. (Geol) in 1941 from BHU ; D. I. C. in 1954 & Ph. D. in 1954 from Imperial College of Science & Technology, London ; *Resch Exp* : For past 25 years in the geology of Himalayas ; *Pub* : Over 30 papers ; *Exp* : BHU ; *Mem* : Fellow of Geological Society (London), Geological Society (India), Geochemical Society of India, Steering Cttee of Himalayan Geological Institute besides of several university bodies ; *Genl* : Established for the first time that the Kumaon granites are of the metamorphic origin and the age of granitisation is tertiary ; *Knows* : Hindi & English ; *Visited* : UK for higher studies and delivering lectures on the Himalayan Geology ; *Hobb* : Collection of mineral rocks ; *Add* : 111/112, Talli Tal, Nainital.

PANDE, Puran Chandra—Prof. & Head, Dept. of Geology, Nagpur Univ. since March 1967 ; *Edn* : M.Sc. (Geol) in 1944 from BHU ; *Resch Exp* : Working on petrological studies of Sansar series rocks ; guiding several research students ; *Pub* : One book on 'Economic Minerals of India' besides many papers ; *Exp* : Geologist for 3 years ; joined Nagpur Univ. in 1947 and held different positions ; *Mem* : Geological, Mining & Metallurgical Society of India, Geological Society of London, Advisory Editor to Journal of Mines, Metals and Fuels ; Geochemical Society of India ; *Add* : D. Laxminarayan Bungalow, Amravati Road, Nagpur-1.

PANDE, Raghavendra Prasad—Principal, Govt. College, Ganj-Basoda since July 1967 ; *b* 15 April 1923 at Raipur ; *Edn* : M.A. (Eng Lit) in 1945 from Univ. of Allahabad ; *Resch Exp* : Guiding many research students ; *Pub* : Sir Thomas Browne : A Critical Study ; *Exp* : Morris College, Nagpur 1945-46 ; King Edward College, Amraoti 1946-53 ; Mahakoshal Arts College, Jabalpur 1953-67 ; *Mem* : Board of Studies, Academic Council, Court of Ujjain Univ. ; Indian Association of English Studies ; *Knows* : English, Hindi & Urdu ; *Add* : Govt. College, Ganj Basoda, M.P.

PANDE, (Dr.) Trilochan—Dept. of Hindi, Gorakhpur Univ. since 1963; *b* 19 November 1930 at Shiloti in Dist. Nainital; *Edn* : M. A. (Hindi) in 1954 & Ph. D. in 1960 from Agra Univ.; *Resch Exp* : Guiding Ph. D. students.; *Pub* : Books on Gupta ji ki Kavya Kala, Saket, Darshan, Kumaon ka lok Sahitya; papers more than 20 mainly on folklore, language and culture; *Honours* : Invited by Rashtra Bhasha Parishad, Patna in 1961 & Asian Conference, USA in 1962 & 1966 to deliver lectures; *Exp* : St. Andrew's College, Gorakhpur 1955-57; Almora Degree College, Almora 1957-63; Govt. Degree College, Pithoragarh 1963; *Mem* : Nagari Pracharini Sabha, Bharatiya Hindi Parishad, Folklore Society of America; *Genl*: Done courses in Linguistics from Saugar Univ. in 1961, Indiana Univ. in 1962 & Allahabad in 1966; *Knows* : Hindi, English, Sanskrit & Telugu; *Visited* : USA; *Hobb* : Swimming and composing; *Add* : Chamre wali Kothi, Civil Lines, Gorakhpur, U. P.

PANDE, (Dr.) Vinayak Krishnarao—Head, Dept. of Commerce, Regional College of Education, Bhubaneswar since 1965; *b* 6 March 1929 at Akola; *Edn* : M. Com. in 1951 from Allahabad Univ., M. A. (Econ) in 1954 from Nagpur Univ. & Ph. D. in 1964 from Marathawada Univ.; *Pub* : A book on Municipal Finance in Marathwada; about 20 research papers on subjects like Constitutional growth of Municipalities in Marathwada, Local Self Govt. in a Welfare State, Indian Food Problem, Railway Reforms in Marathwada, Problems of Industrialization of Underdeveloped regions etc.; *Exp* : Peoples College, Nadiad; Marathwada Univ.; *Mem :* Dean, Faculty of Commerce, Marathwada Univ. 1959-60; Member, Faculty ,Board of Studies, Academic Council, Court of Marathwada Univ.; member of many other educational bodies in Osmania Univ., Marathwada Univ. & Utkal Univ.; *Knows* : Marathi, English & Hindi; *Add* : Dept. of Commerce, Regional College of Education, Bhubaneswar.

PANDE, (Dr.) Vindhyeshwari Prasad—Reader in Economics, Saugar Univ.; *b* 10 October 1923 at Katni in Dist. Jabalpur; *Edn :* M. Com. in 1946 from V. S. S. D. College, Kanpur; LL. B. 1948 & Ph. D. 1959 from Saugar Univ.; Ph. D. in 1963 from London School of Economics; *Pub* : Books on Village Community Projects in India, Banking ke Siddhant tatha Bhartiya Bank Vyavstha; articles in Indian Village Service etc.; *Exp* : Since 1948 at Univ. of Saugar; *Knows* : English & Hindi; *Visited* : UK, France, Italy, Switzerland & UAR; *Hobb* : Poetry reading ; *Add* : Dept. of Economics, Saugar Univ., Sagar.

PANDEY, (Dr.) Bansh Raj—Dept. of Physics, Gorakhpur Univ. since 1960; *b* 2 January 1928 at Vill. Sohang in Dist. Deoria; *Edn* : M. Sc. (Physics) in 1953 with first class first from BHU & Ph. D. (Molecular Spectroscopy); *Pub* : Numerous papers published in Indian & foreign journals; *Exp* : St. Andrew's College, Gorakhpur for 8 years before joining the Univ.; *Mem* : Indian Science Congress, Indian Physical Society; *Knows*: Hindi, English & German; *Hobb* : Reading, badminton and tennis; *Add* : Dept. of Physics, Gorakhpur Univ., Gorakhpur.

PANDEY, (Dr.) J. D.—Dept. of Chem., Allahabad Univ. since July 1964; *b* 1 April 1940 at Vill. Barha in Dist. Gorakhpur; *Edn :* M. Sc. in 1960 & D. Phil. in 1963 from Allahabad Univ.; *Pub :* Over 25 papers; a book on Intermediate Chemical Calculations; *Honours :* Awarded S. A. Hill Memorial Prize; *Exp :* Started with Allahabad Univ.; *Knows :* Hindi, English & German; *Add :* Dept. of Chem., Allahabad Univ., Allahabad.

PANDEY, Kamta Prasad—Prof. & Head of Education Dept., Meerut Univ. since July 1965; *b* 5 September 1938 at Tola Shivan Rai in Dist. Ballia; *Edn* : M. A. (English) in 1964 from Agra Univ. and M. Ed. in 1959, first in the Univ. winning Gold Medal from Gorakhpur Univ.; *Resch Exp* : For 10 years; *Pub :* Kriyatmak Anusandhan-Shiksha men, Statistics in Psychology & Education, Evaluation Approach in Education, Kothari Commission Report-An Evaluation, Teaching of Economics, A Dictionary of Contemporary Problems in Indian Education, Teaching Aptitude Test (Hindi) etc.; *Honours :* Director of Research Project on Problems of Women Education in India under the auspices of N. C. E. R. T.; *Exp* : Lecturer 1959-61 & Asst. Prof. in Education 1961-65 at W. T. College, Dayalbagh, Agra; *Mem :* President of Meerut Univ. Teacher Educators Association; member of Indian Association of Programme Learning; *Genl :* invited to visit USA in Sept. 1968; *Knows* : Hindi, Sanskrit & English; *Hobb :* Writing and research; *Add :* Chandrika, Shivaji Road, Meerut.

PANDEY, Pashupati Nath—Principal, Arts & Commerce Degree College, Hanumana since November 1967; *b* 13 July 1939 at Allahabad; *Edn :* M. Com. in 1962 from Allahabad Univ., completing Ph. D. from Ravishanker Univ.; *Pub* : Marketing in India, Financial analysis and Business Forecosting, Food & Population, Can India do without Foreign Aid ? etc.; *Exp* : C. M. D. P. G. College, Bilaspur 1962-67; *Mem* : All India Commerce Association, Court of Saugar Univ.; Executive Member of Prayag Mahila Vidya Peeth; holding the rank of Lt. in NCC; *Knows* : English, Hindi, Urdu and Sanskrit; *Visited* : Nepal; *Add :* Vill Sheopura, P. O. Amilia Kalan, Dist. Allahabad.

PANDEY, Rajnath—Hindi Dept., Saugar Univ. since 1947; *b* 1 January 1910 at Pindra in Dist. Varanasi; *Resch Exp :* Guiding several Ph. D. students; *Pub* : Subahe Banaras, Shesh Lakeeren, Naya Nirman, Naye Samkalpa, Nepal aur Nepal Naresh, Veda ka Rashtragan and several others; *Honours :* Honoris Causa title of Rashtra Bhasha Bhooshan by Bharat Dharma Mahamandala in 1952; *Exp* : St. Andrew's P.G. College, Gorakhpur 1937-41; on deputation to Tribhuvan Univ., Kathmandu 1961-64; *Mem* : Kashi Nagari Pracharini Sabha; *Genl :* visited Tibet in 1934 to search old Hindu manuscripts; been Proctor in Saugar Univ. 1948-56 ; *Visited :* Tibet and Nepal; *Add* : Dept. of Hindi, Saugar Univ., Sagar.

PANDEY, (Dr.) Ram Khelawan—Head, Dept. of Hindi, Ranchi Univ. since 1958; *b* 1 January 1914 at Sasaram in Dist. Shahabad; *Edn* : M. A. (Hindi) in 1943 with first class first with 2 Medals & D. Litt. in 1953 from Patna Univ.; *Resch Exp :* In Madhaya Kaleen Sant Sahitya and the history of Hindi literature; *Pub* : Books on Giti Kavya, Kavya aur Kalpana, Bharat ki Sanskritic Chetana, Bhartiya Sanskriti aur Sanskritic Chetana, Kavi aur Kavya, Charan-Chihna & Madhya Kaleen Sant-Sahitya; *Exp :* T. N. B. College, Bhagalpur for 4 years; L. S. College, Muzaffarpur for 2 years; Patna Univ. for 10 years; *Mem* : Bhartiya Hindi Parishad, Hindi Sahitya Parishad, Nagari Pracharini Sabha, Linguistic Society of India; *Knows* : Hindi, English, Bengali, Gujarati & Punjabi; *Add* : Dept. of Hindi, Ranchi Univ., Ranchi.

PANDEY, (Dr.) Ram Prakash—Prof. & Head, Dept. of Pol. Sc., T.R.S. College, Rewa ; *b* 1 May 1924 at Farrukhabad ; *Edn* : M.A. (Pol. Sc.) in 1946, LL.B. in 1947, Dip. in Pub. Admn. in 1947, Dip. in Foreign Affairs & Diplomacy in 1948, Dip. in Social Service in 1949, Ph. D. (The Problem of Scheduled Castes in India with special reference to U.P.) in 1953 from Lucknow Univ. ; *Pub* : Papers on subjects like Trends in Public Opinion among the Backward Classes, Decline in the Collective Security Ideal of the U.N., Importance of the Harijan Welfare in the Gandhian Political Thought, Administration of Justice through Kotwal during the Moghal Period, The Opposition Parties in Legislatures, The Presidential Veto over State Legislation of India etc. ; *Exp* : V.S.S.D. College, Kanpur ; Victoria College, Gwalior ; Hamidia Arts & Commerce College, Bhopal ; Mahakoshal Arts College, Jabalpur ; *Mem* : Arts Faculty & Board of Studies of Saugar Univ. ; *Genl* : Guiding many Ph.D. students ; *Knows* : Hindi, English & Urdu ; *Add :* T.R.S. College, Rewa, M.P.

PANDEY, (Dr.) Ram Shakal—Warden, Kandhari House, R.B.S. College, Agra & Asstt. Prof. of Education since January 1959 ; *b* 1 July 1934 at Vill. Manar in Dist. Pratapgarh (Awadh) ; *Edn* : L.T. in 1955, M.Ed. in 1956 & Ph.D. (Edn) in 1961 from Lucknow Univ.; M.A. (Phil.) with first class first in 1963 from Agra Univ. & Sahitya Ratna in 1958 from Hindi Sahitya Sammelan, Prayag ; *Resch Exp* : Guiding M.Ed. & Ph.D. students in education ; *Pub* : Books in Hindi—Shiksha Darshan, Mahan Pashchami Shiksha Shastri, Sanskrit Shiksha, Naveen Shiksha Siddhant, Vyavhrit Manovigyan, Samanya Manovigyan, Manovigyanik Sampradaya, A dhunik Shiksha ka Vikas, Shiksha men Mapan ; Books in English—Our Adolescents : Their Interests and Education, Pragmatic Theories of Education, Principles of Education ; besides numerous papers; *Exp* : Headmaster, High School, Lucknow 1950-56 ; Lecturer, S.A.V. College, Bharathana 1956-58 ; B.V. Institute of Rural Higher Education, Bichpuri (Agra) ; *Mem* : All India Association of Teacher Educators, Akhil Bhartiya Bhasha Parishad ; participated in 6th Session of World Academy of Sanskrit held at Puri ; attended and directed several Seminars ; *Knows* : Hindi, Sanskrit & English etc. ; *Add* : Warden, B.R. College, Agra.

PANDEY, Ravi—Principal, Takhatpur Arts & Science College, Takhatpur since November 1967 ; *b* 3 July 1933 at Bilaspur in M.P. ; *Edn* : M.Sc. (Zoology) in 1959 from Univ. of Saugar ; *Edn* : Working for Ph.D. on Rhacophorus maculatus (tree frog) ; *Pub* : Several papers on the migration of birds ; *Exp* : S.B.R. College, Bilaspur ; C.M.D. College, Bilaspur ; *Knows* : Hindi & English ; *Hobb* : Drama and photography ; *Add* : Thakhatpur Arts & Science College, Takhatpur. (M.P.)

PANDEYA, (Dr.) Daya Chand—Prof. & Head, Sc. Dept., Regional College M Education, Ajmer since June 1964 ; *b* 15 October 1916 at Kanpur ; *Edn* : oth.Sc. (Physics) in 1940 from Lucknow Univ. & Ph.D. (Optical studies of fe Micro Structures of Diamond) from London Univ. ; *Pub* : On Micro disk pattern on Diamond Dodecahedra, Natural etch patterns, and other aspects of diamonds ; *Exp* : B.R. College, Agra 1940-42 ; N.R.E.C. College, Khurja 1942-47 ; Saugar Univ. 1947-64 ; *Genl* : Interested in improving primary physical instruments ; *Knows* : Hindi & English ; *Visited* : UK, Switzerland, France & Italy during 1956-59 for research and visiting universities ; *Hobb* : Painting ; *Add* : Regional College of Education, Ajmer.

PANDEYA, Jagada Nand—Principal, Jagjiwan College, Arrah since May 1967 ; *b* 9 March 1920 at Dumaraon in Dist. Azamgarh ; *Edn* : M.A. (Phil) in 1946 & M.A. (Exp. Psy) in 1952 from Patna Univ. ; *Resch Exp* : In the field of Concept of Unconscious mind in Indian Psychology ; *Pub* : On Prayogatmak Manovigyan, Manovijnan, Manovijnan Parichaya, Pararambhik Manovijnan, Manovijnan, Bal Manovijnan, Vyawaharik Manovijnan, Shiksha Manovijnan, Audyogik Manovijnan, Samajik Asamanya Manovijyan, Manoyijnanik Prayog, Khel, Vyaktitva, besides many papers ; *Exp* : L.S. College, Muzaffarpur ; *Mem* : President of Psychology Section of Akhil Bhartiya Darshan Parishad (1960) ; *Knows* : Hindi, English, Sanskrit & Urdu ; *Add* : Vill. & P.O. Dumaraon, Dist. Azamgarh.

PANDEYA, (Dr.) Pradyumna—Head, Dept. of Geography, Ranchi College, Ranchi since September 1954 ; *b* 1 January 1932 at Poora in Dist. Patna ; *Edn* : M.A. (Geog) in 1952 with first class from Patna College & Ph.D. in 1967 from London School of Economics, UK ; *Pub* : The Impact of Industrialisation on Urban Growth ; *Exp* : Teaching B.A. (Hons) & M.A. classes since 1954 ; *Mem* : Indian Science Congress, Geographical Society (London) ; *Genl* : Officer in NCC (Airwing) since 1957 ; *Knows* : English & Hindi ; *Visited* : Most of tne European countries, Middle East etc. ; *Add* : Dept. of Geography, Ranchi College, Ranchi.

PANDEYA, (Dr.) Ram Chandra—Prof. & Head, Dept. of Buddhist Studies, Univ. of Delhi since October 1966 ; *b* 16 July 1932 at Nagwa in Dist. Varanasi ; *Edn* : M.A. (Phil) in 1953 & Ph.D. in 1957 from BHU ; Acharya (Sanskrit Grammar) in 1954 from Sanskrit College, Banaras ; *Resch Exp* : For 10 years; Ph.D. thesis on problem of Meaning in Indian Philosophy ; *Pub* A Panorama of Indian Philosophy, Madhyamika-Philosophy ; A New Approach, and more than 20 papers on Western & Indian Philosophy ; *Exp* : Kurukshetra Univ. 1957-59 ; joined Delhi Univ. in 1959 ; *Mem* : Sectional President of All India Darshan Parishad, Indian Philosophical Congress, All India Oriental Congress ; *Knows* : Sanskrit, Hindi, English, Tibetan & Pali ; *Visited* : Vietnam & Thailand ; *Hobb* : Story writing and literary criticism; *Add* : Dept. of Buddhist Studies, Delhi Univ., Delhi-7.

PANDEYA, Rama Naresh—Principal, Baba Raghavdas Degree College, Deoria since 1962 ; *b* 1 August 1915 at Kolhua in Dist. Deoria ; *Edn* : M.A. in 1939 & B.T. in 1940 from BHU with distinctions ; *Pub* : Several articles to leading newspapers ; *Exp* : S.R.K. Inter College, Faizabad 1940-41 ; Kanya Kubja College, Lucknow 1941-42 ; D.B. Inter College, Gorakhpur 1942-48 ; S.C. Degree College, Ballia 1948-62 ; *Mem* : Faculty of Arts, Academic Council, Court of Univ. ; Member of Executive Cttee of Nagari Pracharini Sabha ; President & member of many social and literary organisations ; *Knows* : Hindi, Sanskrit, English & Urdu ; *Hobb* : Reading and social service ; *Add* : Kolhua, P.O. Samogar, Dist. Deoria.

PANDEYA, (Dr.) S. C.—Reader in Botany, Univ. School of Sciences, Gujarat Univ. since 1961 ; *b* 1 January 1929 at Kanpur ; *Edn* : M.Sc. in 1949 with first class first & Ph.D. (Plant Ecology) in 1953 (First Ph.D. of this subject in India) from Saugar Univ. ; P.E.A. (Crop Ecology) in 1954 from Institute of Agri. Ecology, Perugia, Italy ; *Resch Exp* : Produced five Ph.D. so far ; several working under him ; *Pub* : Books on Research Methods in Plant Ecology, Plant Ecology and more than 70 papers ; *Exp* : M.P. Govt. Education Service for 6 years ; Saugar Univ. for 4 years ; *Mem* : Indian Botanical Society, National Academy of Sciences, International Society for Tropical Ecology, Indian Science Congress, British Ecological Society ; *Knows* : Italian, English, Hindi & Gujarati ; *Visited* : Italy, UK, France, Germany, Switzerland & UAR during 1954-55 ; *Add* : Botany Dept., Univ. School of Sciences, Gujarat Univ., Ahmedabad-9.

PANDHA, (Dr.) (Miss) Surjit Kaur—Junior Research Officer, College of Medical Sciences, Varanasi since September 1966 ; *b* 13 February 1939 at Ferozepur ; *Edn* : M.Sc. (Zoology) in 1962 & Ph.D. in 1966 from BHU ; *Resch Exp* : For five years on Avian and Reptilian Endocrinology and Reptilian embryology ; *Pub* : About 15 research papers ; *Exp* : Started with BHU ; *Knows* : Punjabi, Hindi, English & French ; *Visited* : Italy, Switzerland, France during 1965 for further study ; *Add* : Surgical Research Lab., College of Medical Sciences, BHU, Varanasi-5.

PANDIA, (Dr) Mahendra Nayansukhlal—Principal, K. J. Somaiya College, Bombay-77 since 1963; *b* 1 January 1918 at Nadiad in Dist. Kaira; *Edn* : M. A. (English) in 1941 from Wilson College, Bombay & Ph. D. (English) in 1949 from Ismail Yusuf College, Bombay; *Resch Exp* ; Ph. D. thesis on 'The Indo-Anglian Novel as a Social Document'; *Pub* : Books on Munshi-his mind and art, Development of Education in Free India, Progress of Education in Free India; besides articles in leading magazines and daily newspapers; *Exp* : Wilson College, Bombay 1939-46; Garda College, Navsari 1946-60; joined Somaiya College as Head of English Dept. in 1960; *Mem* : Senate, Academic Council, Board of Studies of Bombay Univ.; *Knows*: Gujarati, Hindi, Marathi, Sanskrit & English; *Add* : Somaiya College, Bombay-77.

PANDIT, (Dr), Ganpat Shankar—Prof. & Head, Dept. of Struct. Engg., M. R. Engg. College, Jaipur since August 1965; *b* 20 May 1930 at Sagar; *Edn* : M. Sc. (Civil Engg) in 1963 & Ph. D. in 1965 from Univ. of Alberta, Canada; *Resch Exp* : for over 10 years in re-inforced concrete, prestressed concrete and structural mechanics; *Pub* : Over a dozen papers in Indian and foreign journals; *Exp* : Univ. of Roorkee; M. B. M. Engg., College, Jodhpur; *Mem* : American Concrete Institute; *Knows* : Hindi, Marathi & English; *Visited* : Canada; *Hobb* : Photography; *Add* : M. R. Engg. College, Jaipur.

PANDIT, Shyam Lal—Principal, P. U. Evening College, Jullundur since January 1964; *b* 3 December 1907 at Kulgam in Dist. Anantnag; *Edn* : M. A. (English) in 1930 with first class first and winning White Memorial Gold Medal from Univ. of Lucknow; *Pub* : Tagore as a Playwright, Approach to Shakespeare, Kashmiri Language and Literature, Upton Sinclair-the American Iconoclast, Self-revelation in English Poetry (1800-1835), Love of the Earth in William Morris and other poets; *Exp* : Prince of Wales College, Jammu 1932-39 and 1944-45; Sri Pratap College, Srinagar 1939-42 & 1951-56; Amar Singh College, Srinagar 1942-44 and 1945-51; Head, Dept. of English, J&K Univ. 1956-63; *Mem* : Senate, Syndicate of J&K Univ. 1948-61; Member of Indian Association for English Studies; *Knows* : English, Urdu, Hindi, Kashmiri, Panjabi & Persian ; *Hobb* : Collection of newspaper cuttings; *Add* : P. U. Evening College, Jullundur.

PANDYA, (Dr) Mahendra Kumar—Reader in Applied Geology, Univ. of Rajasthan, Udaipur since 1958 ; *b* 1 June 1933 at Udaipur; *Edn* : M. Sc. (Geol) in 1955 with first class first from Maharana Bhupal College, Udaipur and D. Sc. (Mineralogy) in 1966 from Free Univ. of Bruxelles, Belgium; *Resch Exp* : In the field of Pre-Cambrian Geology of Kankroli Area, Complex Sulphide Ores of Columbia, Amphibolites, Jurassics of Kutch & Aravallis of Udaipur; *Pub* : About 20 research articles on Geochemistry and Petro-mineralogical studies; *Exp* : Maharana Bhupal College, Udaipur; Govt. College, Banswara ; *Mem*: Societe' Geologique de Belgique ; Mining, Geological & Metallurgical Society of India, Indian Science Congress, Geological Society of India; *Knows* : Hindi, English & French; *Visited* : Several universities in Belgium, France, Italy, Germany, UK, Holland, Luxemburg & Switzerland; *Hobb* : Painting; *Add* : Dept. of Geology, Univ. of Rajasthan, Udaipur.

PANDYA, (Dr) Rameshchandra Devprasad—Dept. of Hindi, Nalini & Arvind Arts College, Vallabh Vidyanagar since July 1963; *b* 24 July 1939 at Nadiad in Dist. Kaira; *Edn* : M. A. (Hindi) in 1963 with first class first & Ph.D. in 1966 from S. P. Univ.; *Pub* : Editor of Agali Kavita; Jt. Editor of Kathalika; various articles on Vatayan, Sahitya Parichaya, Katthalika, Nalini, Pathik etc.; *Honours* : Gold Medal in M. A.; U. G. C. Scholar 1961-63; won many prizes in debates; *Exp* : Started with Nalini & Arvind Arts College, V. V. Nagar; *Mem* : Secy., Rupsahakar & Pracharak of Gujarat Vidyapeeth; *Knows* : Hindi, English, Gujarati & Sanskrit; *Hobb* : Chess, touring and reading; *Add* : Nani Kadiawad, Dumral Bazar, Nadiad, Dist. Kaira.

PANIGRAHI, (Dr.) Gopinath—Regional Botanist, Central Circle, Allahabad since July 1962; *b* 27 February 1924 at Vill. Baikunthapur in Dist. Balasore; *Edn* : M.Sc. (Bot) from Allahabad Univ. & Ph.D. (Cytology & Taxonomy of ferns) in 1954 from Leeds Univ.; *Resch Exp* : For 20 years in systematic botany, cyto-taxonomy, morphology and ecology of plants; *Pub* : Over 100 popular articles/papers on Photoperiodism and other botanical subjects; *Honours* : From Matric to Ph.D. throughout a scholarship holder ; *Exp* : Ravenshaw College, Cuttack for 6 years; Eastern Circle, Shillong 1959-62; *Mem* : Indian Society of Genetics & Plant Breeding, British Systematic Association, Indian Botanical Society, International Society of Plant Morpholy, Indian Science Association, National Academy of Sciences, Indian Palynological Society, Indian Society of Cytology & Genetics; *Knows* : English, Oriya, Hindi, Sanskrit, Bengali & Assamese; *Visited* : UK, The Netherlands & France for research; *Hobb* : Gardening, music and writing; *Add* : Regional Botanist, Central Circle, Botanical Survey of India, 10 Chatham Lines, Allahabad-2.

PANIKKAR, (Dr.) G. Kesava—Dept. of Linguistics, Univ. of Kerala since July 1964; *b* 14 February 1940 at Thalavady in Dist. Alleppey; *Edn* : M.A. in 1962 from Annamalai Univ., Ph.D. thesis submitted; *Pub* ; About 10 research papers; *Exp* : Post-graduate experience of more than 6 years; *Knows* : English, Hindi, Tamil, Kannada & Malayalam; *Hobb* : Reading literary works; *Add* : Dept. of Linguistics, Univ. of Kerala, Trivandrum.

PANKAJAM, (Miss) Muthiah—Headmistress, P.S.G.R. Krishnammal Girls' High School, Peelamedu, Coimbatore since 1961; *b* 8 December 1928 at Mannargudi in Dist. Thanjavur; *Edn* : M.A. (Econ) in 1955 from Presidency College, Madras & B.T. in 1956 from Lady Willington Training College, Madras; *Pub* : A few text books for different standards; *Exp* : B.T. Asst. for 1956-61 and Headmistress since 1961 at P.S.G.R. Krishnammal Girls' High School; *Mem* : Executive member of Teachers Guild & Guild of Service and other local associations; *Knows* : Tamil, English, Telugu & Hindi; *Visited* : Ceylon; *Add* : P.S.G.R. Krishnammal Girls' High School, Peelamedu, Coimbatore-4.

PANT, (Dr.) Divya Darshan—Prof. & Head, Dept. of Botany, Allahabad Univ. since 1966 ; *b* 18 October 1919 at Ranikhet in Dist. Almora; *Edn* : M.Sc. (Bot) in 1941 with first class first from Lucknow Univ., D.Phil. in 1950 from Allahabad Univ.; *Resch Exp* : For past 3 decades on morphology, anatomy of living and fossil plants, cytology of plants etc.; guiding several Ph.D. scholars; *Pub* : One book on 'Cycas' besides over 100 original papers in Indian & foreign papers; *Exp* : Lecturer 1945-64, Reader 1964-66 & Prof. & Head since 1966 at Allahabad Univ.; *Mem* : Vice-President of Mesophytic Section of 2nd International Palynological Conference held at Utrecht; Fellow of Linnean Society of London, Indian Botanical Society, International Association of Plant Taxonomy, International Society of Plant Morphology, Palaeobotanical Society, Vigyan Parishad, Indian Science Congress etc.; delivered several extension lectures; *Knows* : Hindi, English, German, French & Urdu; *Visited* : UK, France, Germany & Switzerland etc.; *Add* : Dept. of Botany, Allahabad Univ., Allahabad.

PANT, (Dr.) Narendra Chandra—Prof. of Entomology, I.A.R.I., New Delhi; *b* 28 January 1924 at Dehradun; *Edn* : M.Sc. (Entomology) in 1945 with first class first from Govt. Agrl. College, Kanpur; D.I.C. (Economic Entomology) in 1950 from Imperial College, London; Ph.D. in 1950 from London Univ.; *Resch Exp* : For 20 years in Insect Nutrition, microbiology, insect-plant relationship, beekeeping and biological control of snails; *Pub* : A book on Entomology in India besides over 60 papers; *Exp* : Directorate of Plant Protection, Quarantine & Storage, Govt. of India; Univ. of Delhi; *Mem* : Entomological Society of India, Chief editor of Indian Journal of Entomology & Bulletin of Entomology ; *Knows* : Hindi & English; *Visited* : UK, USA, France, Switzerland, Italy, Canada, Japan, Philippines & Hongkong for higher studies and teaching; *Add* : Division of Entomology, I.A.R.I., Hillside Road, New Delhi-12.

PANT, (Dr.) Mrs. Radha—Head,—Home Science Dept., Allahabad Univ. since 1967 ; *b* 1 September 1916 at Kalpathi in South Malabar ; *Edn* : M.Sc. (Chem) in 1939 from Bombay Univ. & Ph.D. in 1942 from Royal Institute of Science, Bombay ; *Pub* : More than 50 papers in the field of bio-chemistry ; *Exp* : Joined Biochemistry section of Home Science Dept. of Allahabad Univ. in October 1945 and since then held different positions ; *Mem* : Biochemical Society of India, Biological Society of India, Royal Institute of Chemistry (London) ; *Visited* : UK, Germany, USA, E. Germany for research ; *Knows* : Hindi, Marathi, Gujarati, Tamil, Malyalam, French & German ; *Add* : 106, Tagore Town, Allahabad-3.

PANT, Sumitranandan—Poet; *b* 20 May 1900 at Kausani in Dist. Almora ; *Pub* : Poems and poetic collection like Veen, Granthi, Pallava, Gunjan, Ugrvani, Gramya, Ugant, Swarn-Kiran, Swarn-Dhooli, Ugpath, Uttara, Atima, Vani, Kala aur Boorha Chand, Kiran-veena, Pau Phatne se Pahile, Lokayatana ; Stories—Panch Kahanhiyan ; Plays : Raj Shikhar, Shilpi, Savvarna, Jyotsna, Ug Purush etc. ; *Honours* : Sahitya Akademi Award in 1961 ; Sovietland Nehru Award 1965 ; Padam Bhushan 1962 ; D. Litt. Honoris Causa in 1967 ; Sahitya-Vachaspati from Hindi Sahitya Sammelan in 1965 ; *Mem* : Chief Producer, AIR & Literary Advisor to AIR ; *Visited* : Soviet Russia, UK, France & W. Germany on goodwill mission ; *Add* : 18/B-7, K.G. Marg, Allahabad.

PARANJPE, (Dr.) Raghunath Vasudev—Head, Dept. of Foreign Languages, Bombay Univ. since July 1966 ; *b* 3 September 1914 at Badlapur in Bombay ; *Edn* : M.A. (German) in 1938 from Fergusson College, Poona & Dr. Phil. (German) in 1952 from Univ. of Munich ; *Honours* : Recipient of Goethe Medal from the Goethe Institute, Munich ; *Exp* : Elphinstone College, Bombay 1957-65 ; *Mem* : Chairman, Board of Foreign Languages, Bombay Univ. ; *Knows* : English, German, French & Italian ; *Visited* : W. Germany during 1958 and 1962-63 ; *Hobb* : Literature reading ; *Add* : Dept. of Foreign Languages, Univ. of Bombay, Churchgate, Bombay.

PARANJPE, (Dr.) Sharadchandra Shridhar—Principal, Govt. Sanskrit Degree College, Rewa since 1964 ; *b* 30 October 1920 at Wardha ; *Edn* : MA (Sanskrit) from Nagpur Univ. M.A. (Hindi) & Ph.D. (Sanskrit) from Agra Univ., LL.B. from Nagpur Univ., B. Mus. from Gwalior Univ. ; *Resch Exp* : In History of Ancient Indian Music ; guide for Ph.D. (Sanskrit) students ; *Pub* : Numerous papers on music ; *Exp* : Govt. Hamidia College, Bhopal for 10 years ; T.R.S. College, Rewa for 5 years ; *Mem* : Governor's Nominee on Univ. Court of Indira Kala Sangeet Vishwavidyalaya ; Music Audition Cttee of AIR ; *Knows* Sanskrit, Marathi, Hindi & English ; *Add* : Govt. Sanskrit Degree College, Rewa.

PAREKH, Nagindas Narandas—Vice-Principal, H.K. Arts College, Ahmedabad since 1955 ; *b* 30 August 1900 at Bulsar ; *Edn* : P.G. Studies at Viswabharti during 1925-26 ; *Pub* : Rashtrabhashano Swadhay, Premanand Abhinanvano Rasvichar, Vakrokti, Auchityavichar Mahatma Gandhi, Kavyaman Artha, translated the New Testament into Gujarati ; Shubha Sandesh 1965 ; Subha Sandesh Patravali 1968 ; *Honours* : Won the Taragauri Chandrak ; *Exp* : Gujarati Vidyapeeth for 16 years ; B.J. Institute of Learning & Research for 8 years ; *Mem* : Gujarati Sahitya Parishad and a few Univ. bodies ; *Knows* : Gujarati, Hindi, Bengali, Marathi & English ; *Add* : 21 Sardar Patel Nagar, Ahmedabad-6.

PARIA, (Dr) Gunadhar—Prof. & Head, Dept. of Engg. Maths., Shri G. S. Technology Institute, Indore since 1964 ; *b* 1 January 1925 at Contai in Dist. Midnapore ; *Edn* : M.A. (App Math) in 1948, D. Phil. (Elasticity) in 1955 & D.Sc. (Continuous Medium) in 1963 from Calcutta Univ. ; *Resch Exp* : For past 20 years in Continuous media ; *Pub* : A book of Mathematical Methods in Science & Engineering ; over 40 papers published ; *Honours* : Merit Scholarship throughout career ; *Exp* : Bengal Engg. College, Howrah 1949-50 ; Midnapore College, Calcutta Univ. 1951 ; I.I.T., Kharagpur 1952-63 ; *Mem* : Indian Science Congress, Calcutta Mathematical Society, Indian Mathematical Society, National Academy of Sciences, Allahabad Mathematical Society ; *Knows* : Bengali, English, Hindi, French, German & Russian; *Add*: Vill. Ganeshwa Pur, P.O.Maheshpur, Via Egra in Dist. Midnapore.

PARIDA, Bharat Chandra—Principal, Govt. College of Physical Education, Cuttack since September 1962 ; *b* 13 September 1926 at Nuagan in Dist. Balasore ; *Edn* : Dip. in Phy. Edn. in 1955 from YMCA College of Physical Education, Madras ; M.P.E. in 1962 with first class first from Springfield College, Massachusetts ; *Resch Exp* : On the collection of folk games in Orissa ; *Pub* : A Programme of Physical Education for Secondary School Boys in the State of Orissa, Mechanical Analysis of Motor movements and Pole-vault & Volleyball etc. ; *Honours* : Rare distinction in M.P.E. ; *Exp* : Rajendra Narayan High School, Rajkanika ; Dakha High School, Chandbali ; Fakir Mohan College, Balasore ; Northern Circle Balasore ; Govt. College of Physical Education, Cuttack, first as Lecturer and later as Principal ; *Mem* : All India Association of Colleges of Physical Education, Physical Education Teachers Association, office bearer of many Sports Societies ; *Knows* : English, Oriya, Hindi & Bengali ; *Visited* : USA ; *Add* : Vill. Nuagan, Dist. Balasore.

PARIDA, Bibhuti Bhusan—Dept. of Zoology since October 1966 ; *b* 13 November 1940 at Bamburi in Dist. Cuttack ; *Edn* : M.Sc. (Zoology) in 1964 with first class first from Kalyan Univ. ; *Resch Exp* : For 3 years in Animal Cytogenetics ; *Pub* : Five papers in Indian and foreign journals ; *Exp* : Started with Utkal Univ. ; *Mem* : Society of Cytologists & Genticists ; *Knows* : Oriya, English, Hindi & Bengali ; *Add* : Dept. of Zoology, Utkal Univ., Ravenshaw College, Cuttack-3.

PARIHAR, Bageshwari Singh—Asstt. Prof., Institute of Social Sciences, Varanasi since September 1961 ; *b* 1 July 1935 at Vill. Bakwa in Dist. Ballia ; *Edn* : M.A.S. in 1955 from Institute of Social Sciences, Varanasi ; A.M. in 1966 & Certificate in Family Planning in 1966 from Univ. of Chicago ; *Pub* : Papers on Programme Administration, Evaluation, Loktantrik Vikendrikaran par ek Drishti, Method & Techniques of Supervision, Mental Retardation, Bhartiya Gramin Samaj etc. ; *Honours* : Awarded International House Rockefeller Fellowship for 1965-66 ; *Exp* : Social Education Organizers' Centre, Allahabad 1956-60 ; District Social Welfare Officer, U. P. 1960-61 ; *Mem* : Indian Conference of Social Work, Indian Association of Trained Social Workers, U.P. Association on Mental Retardation ; *Knows* : Hindi & English ; *Visited* : USA, UK, France, Germany, Switzerland etc. ; *Add* : B-37/12, Kamachha, Varanasi.

PARIJA, (Dr.) Banshidhar—Dean, Faculty of Agri., Utkal Krushi Mahavidyalaya, Bhubaneswar since July 1964 ; *b* 1 March 1911 at Vill.. Khambakul in Dist. Cuttack ; *Edn* : M.Sc. (Bot) in 1945 from Calcutta Univ. & Ph.D. in 1949 from King's College, Durham Univ., UK ; *Resch Exp* : Guiding several Ph.D. workers ; *Pub* : 30 papers on modern scientific problems ; *Honours* : Dhenkanal Scholarships ; *Exp* : Ravenshaw College, Cuttack ; Principal, Extension Training Centre, Bhubaneswar ; *Mem* : Chairman, Faculty of Agri. & Board of Conducting Examiners of Orissa Univ. of Agri. & Technology ; Member of several Univ. bodies ; member of Indian Science Congress, Indian Horticultural Society ; *Knows* : Oriya, Hindi, Bengali & English ; *Visited* : UK, France, Holland, Beligum & Switzerland ; *Add* : Faculty of Agri., Orissa Univ. of Agri. & Techy ; Bhubaneswar.

PARIKH, Ramlal Dahyalal—Registrar, Gujarat Vidyapith, Ahmedabad since 1961 ; b 18 April 1927 at Baroda ; *Edn* : M.A. (A.I. Culture) in 1951 from Bombay Univ. ; *Pub* : Gujarat ek Parichay (Anthropological collection on life and Culture of Gujarat) ; *Exp* : For 14 years ; *Mem* : Historical Records Commission, State Govt. Education Advisory Council, Senate & Board of Studies in Saurashtra Univ. ; *Knows* : Gujarati, Hindi, English & Sanskrit ; *Visited* : USA, UK, West Germany, Japan, Yugoslavia & UAR to attend youth conferences, seminars and Univ. meetings ; *Add* : Gujarat Vidyapith, Ahmedabad-14.

PARIKH, Rasiklal Chhotalal—Director, B.J. Institute of Learning and Research, Ahemdabad since 1942 ; *b* 20 August 1897 at Sadra in Gujarat ; *Edn* : B.A. (Hons) (Sanskrit) in 1918 from Fergusson College ; *Resch Exp* : For past 35 years ; guiding Ph.D. students in Indian culture ; *Pub* : Nearly 30 books, prominent amongst them are—Mena Gujari, Rupianu Zad, Smriti, Purovacana ane Vivecana, Kavya-Prakasa, Vaidic Pathavali, Gujerathi Rajadhanio, Ithas ; Paddati ane Svarupa, Kavyanusasana of Hemacandra (2 parts) etc. ; *Honours* : Dean, Faculty of Education, Gujarat Univ. 1950-55 ; delivered T. V. Madhavji Lectures in 1950-51 and 1954 ; delivered Maharaj Sayajirao Lectures 1960 ; Award from Sahitya Akademi ; *Exp* : Gujarat Vidyapeeth 1920-31 ; joined B.J. Institute of Learning & Research in 1938 ; *Mem* : Academic Council, Senate, Board of Studies in Gujarat Univ. ; President of Gujarat Sahitya Sabha ; Member & President of Gujarat Itihas Parishad ; President, Sanskrit Section of All India Oriental Conference (1961) ; *Genl* : Left studies in 1920 on Mahatma Gandhi's initiative; *Knows* : English, Sanskrit, Gujarati, Marathi & Hindi ; *Add* : B.J. Institute of Learning & Research, Ashram Road, Ahmedabad.

PARIKH, Thakorlal Manilal—Principal, L.D. College of Engineering, Ahmedabad since 1964 ; *b* 11 March 1922 at Nadiad in Dist. Kaira ; *Edn* : B.E. (Civil) in 1944 from Bombay Univ. ; *Exp* : Engineer with M/s. H.C.C. Ltd., Bombay 1944-46 ; Asstt. Prof., Birla Engg. College, Pilani 1946-54 ; Prof. & Head, Civil Engg., L.E. College, Morvi 1955-58 ; Principal, Govt. Polytechnic, Aurangabad 1958-59 ; Principal, Govt. Polytechnic, Dohad 1959-62 ; Principal, L.E. College, Morvi 1962-64 ; *Mem* : Institution of Engineers (India), Association of Principals of Technical Institutions, Governing Body of some of Technical Institutions in India ; *Knows* : English, Hindi & Gujarati ; *Add* : L.D. College of Engineering, Ahmedabad-9.

PARIKH, Vithaldas Purushottamdas—Principal, S.T.C.K. Arts College, Bodeli since 1964 ; *b* 30 June 1933 at Halol in Dist. Panchmahals ; *Edn* : M.A. in 1958 from Bombay Univ. ; *Pub* : Books on History of Foreign Countries, Indian Economy-Problems of Development, Public Finances ; besides several articles on taxation, socialistic pattern and Indian economy; *Exp* : Sir K.P. College of Commerce, Surat ; Patan Arts & Science College, Patan ; *Mem* : Senate ; *Knows*: English, Gujarati & Hindi; *Add* : S.T.C.K. Arts College, Bodeli, Dist. Baroda.

PASRICHA, Dharam Vir—Head, Dept. of English, D.A.V. College, Amritsar since July 1966 ; *b* 15 May 1929 at Batala in Dist. Gurdaspur ; *Edn* : M.A. in 1954 from U.P. (Camp) College, New Delhi ; *Exp*: Arya College, Panipat 1954-55; joined D.A.V. College Amritsar in 1955 ; *Mem* : Academic Council of Punjab Univ.; *Genl* : Commissioned Officer in N.C.C. holding the rank of a Major; *Knows* : English, Hindi, Punjabi & Urdu; *Hobb* : Hiking and writing articles; *Add* : 52/3, Model Town, Amritsar.

PATEL, (Dr.) Ambalal Ranchhodbhai—Head of the Physics Dept., S. P. Univ., Vallabh Vidyanagar since 1958 ; *b* 12 May 1917 at Varnama in Dist. Baroda ; *Edn :* M.Sc. (Physics) in 1944 from Baroda College, Baroda ; Ph.D. in 1958 from Royal Holloway College, London ; *Resch Exp:* For 14 years ; *Pub* : Over 50 papers mainly on Etching of Crystal Cleavages, Etch-pits on Diamond, Faces of Synthetic Diamonds, Calcium Flouride, Thermally etched NaCl Single Crystals, Potassium Chloride Whisters of KCl Single crystals ; Neutron Irradiation on Stratigraphy in Calcium Fluoride; *Exp.*: D.G.National College, Hyderabad for 2 years; V.P. Science College, Vallabh Vidyanagar for 11 years; V.P. Science College, for 5 years; *Knows :* English, Gujarati & Hindi ; *Visited :* UK, USA ; *Add :* Dr. A. R. Patel, Vernama, W. Rly.

PATEL, (Dr.) Chaturbhai S.—Vice Chancellor, M.S. Univ. of Baroda since April 1964 ; *b* 7 November 1897 at Sojitra in Gujarat ; *Edn :* M.Sc. in 1923 from Bombay Univ. & Ph.D. (Chemistry) in 1930 from Leeds Univ.; Specialisation in Industrial Chemistry ; *Exp. :* Kalabhavan Technical Institute 1921-41 ; Director of Technological Institute, Baroda 1941-49 ; Prof. of Chemistry, M.S. Univ. of Baroda 1950-51, Dean of Faculty of Science 1951-54, Pro-Vice Chancellor 1953-64 and Chancellor since 1964 ; *Mem. :* Inter-Univ. Board of India & Ceylon, Association of Commonwealth Universities and many other educational, social bodies ; *Visited :* Europe, USA and Middle East on lecture tours ; *Add :* 3, Pratap Gunj, Baroda-2.

PATEL, Dahyabhai Motibhai—Retired ; *b* 15 March 1905 at Rahtalav in Dist. Kaira ; *Edn :* B.Sc. (Maths) in 1928, B.Sc. (Physics) in 1929, A.R.C.S, (Dip) in 1928 & A.R.C.S. (Physics) in 1929 from Royal College of Sciences, London ; *Resch Exp. :* For nearly 40 years in Meteorology, Mathematical Economics and Theory of Numbers ; *Pub :* Several books and over 30 research articles ; *Exp :* Asstt. Meteorologist, Upper Air Observatory, Agra 1929-31 ; Gujarat College, Ahmedabad 1931-43 ; L.D. Arts & M.G. Sc. Institute, Ahmedabad 1958 ; V.P. Mahavidyalaya, Vallabh Vidyangar 1958 ; Head of Maths. Dept., S.V. Vidyapeeth, V.V. Nagar 1958-64 ; Hony. Prof. of Maths., Charutar Vidya Mandal 1964-65 ; Prof. & Head of Dept., Sheth M.P. Arts & S.N. Panchal Sc. College, Talod 1965-66; *Mem* : Indian Mathematical Society, Indian Science Congress, Indian Meteorological Society, Royal College of Science Association, Gujarat Sahitya Parishad ; *Knows :* English, Gujarati, Hindi, Sanskrit & French ; *Visited :* UK, France, Switzerland, Africa in 1925-29 ; *Hobb :* Reading of Upanishids and other religious books ; *Add :* 10, Pratima Society, Navrang Pura, Ahmedabad-9.

PATEL, (Dr.) Haribhai Kishorbhai—Prof. & Head, Dept. of Entomology, B.A. College of Agri., Anand since 1955 ; *b* 22 October 1921 at Badapura in Dist. Kaira ; *Edn* : Ph. D. (Agri. Entomology) in 1953 from King's College, Durham Univ., UK ; *Resch Exp* : For over 20 years ; *Pub :* Over 45 research papers and more than 50 popular articles ; A text book of Agri. Entomology ; *Exp. :* Started with B.A. College of Agri., Anand 20 years back ; *Mem :* Entomological Society of India, The Gujarat Association of Agri. Sciences, The Andhra Agri. Union ; *Knows :* Gujarati, Hindi & English ; *Visited :* UK for Ph.D. ; *Hobb:* Writing, indoor games etc.; *Add :* B.A. College of Agri., Anand.

PATEL, Ishwarlal Mahipatbhai—Principal, Arts & Science College, Bhadran since June 1964 ; *b* 29 September 1928 at Sarkhej in Dist. Ahmedabad ; *Edn* : M.Sc. (Physics) in 1955 from Gujarat Univ. ; *Pub :* A text book of Physics and a paper on Young Modules of Short Wires and fibres by optical Method ; *Exp :* M.G. Science Institute, Ahmedabad for 4 years ; N.K.M. Science College, Bulsar for 5 years ; S.P.T. Arts & Science College, Godhra for 4 years ; *Mem :* Senate, Board of Studies, Faculty of Science of Gujarat Univ. ; *Knows:* English, Hindi & Gujarati; *Hobb :* Writing and literature reading ; *Add* : Charakuva, Piplawali Pole, Sarkhej, Gujarat.

PATEL, Jashbhai Kashibhai—Head, Dept. of Gujarati, S.P. Univ. since 1959 ; *b* 2 March 1921 at Sunav in Dist. Kaira ; *Edn* : M.A. (Gujarati) in 1944 from Baroda College, Baroda ; *Resch Exp.* : Several students obtained Ph.D. and many working under his supervision ; *Pub* : Books on Pratyush, Sthulibhadra Navaras, Siddhtem, Ghosh Yatra, Jaladharakhyam, Parikshitakhyan, Maran Priya Enkanki, Prasad, Kavya Sudha, Gadya Garima, Sahitya Samiksha : Mulyankan aur Shodha ; *Honours* : Cash Award from Govt. of Gujarat on Purvahna' ; *Exp* : Fellow, Baroda College Baroda 1941-142; U.P. Arts & Science College, Vallabh Vidyanagar 1947-59; *Mem* : Gujarati Sahitya Parishad, Senate, Syndicate, Academic Council, Baroda of Studies of S.P. Univ. ; *Knows* : Gujarati, English & Hindi, *Add* : Navapara, Sunav, Via Anand.

PATEL, Mohanbhai Shankerbhai—Head, Dept. of Encyclopaedia, Gujarat Vidyapeeth, Ahmedabad since 1962 ; *b* 8 June 1920 at Vadala in Dist. Kaira ; *Edn* : M.A. (Gujarati-Sanskrit) in 1948 with first class first from Bombay Univ. ; *Pub* : Albert Schweitzer, Upanayan, Char Fagu, Anthology of Gujarati Poetry etc. ; *Exp* : Fellow, Baroda College 1946-47 ; Lecturer, V.P. Mahavidyalaya, V.V. Nagar 1947-52 ; Research Asstt., Gujarat Vidyapeeth 1952-53 ; Lecturer 1953-55, Professor 1955-57 & Vice Principal 1957-60 & Principal 1960-62 at D.G. Mahavidyalaya, Aliabada ; Reader, M.D. Samajseva Mahavidyalaya since July 1962 ; *Mem* : Madhyastha Samiti, Gujarati Sahitya Parishad and other educational bodies; *Visited*: Kenya, Uganda, Tanganyika, Zanzibar & USA ; *Knows* : Gujarati, English, Hindi & Sanskrit ; *Add* : 2/7, Adhyapak Nivas, Gujarat Vidyapeeth, Ahmedabad-14.

PATEL, Purushottam Ambalal—Head, Hindi Shikshak Mahavidyalaya, Gujarat Vidyapith, Ahmedabad since 1962 ; *b* 4 May 1930 at Chanasma in Dist. Mehsana ; *Edn* ; M.A. (Hindi) in 1957 from BHU & M.Ed. in 1959 from Gujarat Univ. ; *Pub* : Hindi ka Abhinav Adyapan, Hindi ki Shiksha, Saral Hindi Grammar & Composition, Bharat ki Boli Part I to Part VI ; *Exp* : A.G. Teachers College, Ahmedabad ; *Mem* : Kendriya Hindi Mandal (Agra), Academic Council of Gujarat Vidyapith ; *Knows* : Gujarati, Hindi, English, Sanskrit & Urdu ; *Hobb* : Swimming ; *Add* : Hindi Shikshak Mahavidyalaya, Gujarat Vidyapith, Ahmedabad-14.

PATEL, (Dr) Ramanbhai Dahyabhai—Head, Dept. of Chemistry, S.P. Univ. since 1958 ; *b* 10 February 1919 at Kalsar in Dist. Kaira ; *Edn* : M.Sc. (Phy Chem) in 1943 from Bombay Univ., Ph.D. in 1952 from Liverpool Univ.; *Resch Exp*: For past nearly 3 decades ; *Pub* : About 30 articles mainly on cereal starches, Indian gum rosin, seed fats ; *Exp* : Dharmendra Sinhji College, Rajkot 1945-47 ; Vithalbhai Patel Mahavidyalaya, Vallabh Vidyanagar 1947-58 ; *Mem* : Dean of Faculty of Science, member of Academic Council, Syndicate of S.P. Univ., Member of Board of Studies of Baroda. Ujjain & S. Gujarat Univ. etc.; *Knows* : English, Hindi & Gujarati ; *Visited* : UK 1950-52 and USA 1965 for higher studies & attending conferences; *Add*: Dept. of Chem., S.P. Univ., Vallabh Vidyanagar.

PATEL, (Dr) Ramjibhai Madhavbhai—Prof. of Agrl. Statistics, B.A. College of Agri., Anand since October 1963 ; *b* 1 November 1930 at Jhadeshwar in Dist. Broach ; *Edn* : M.Sc (Agrl Bot) in 1953 from B.A. College of Agri., Anand ; Sr. Certificate in 1956 winning Dr. Randhawa Gold Medal from I.A.R.I., New Delhi & Ph.D. (Expt. Stat) in 1962 from N.C. State College, USA ; *Pub* : Seven Papers published so far ; *Exp* : Started with B.A. College of Agri., Anand ; *Mem* : Indian Society of Agrl. Statistics ; *Genl* : Interested and influenced by Swaminarayan Sampradaya; *Knows* : Gujarati, English, Hindi & German ; *Hobb* : Games, swimming, religious reading; *Add* : Dept. of Agrl. Stat., B.A. College of Agri., Anand.

PATEL, (Dr) Raojibhai Chhotabhai—Head, Research Project (PL-480), Institute of Agriculture, Anand since 1963 ; *b* 2 July 1927 at Dabhan in Dist. Kaira ; *Edn* : M.Sc. (Entomology) in 1954 from Gujarat Univ. & Ph.D. in 1959 from Univ. of Wisconsin, USA ; *Pub* : One text book of Zoology in Gujarati, besides 20 research papers ; broadcast several speeches for the benefit of farmers from Baroda Station of AIR ; actively working on the developing methods of mass breeding insects ; *Exp* : B.A. College of Agriculture, Anand 1950-56 and again since 1959 ; *Mem* : Entomological Society of India, Gujarati Association for Agrl. Sciences ; *Knows*: English, Hindi, Gujarati, Spanish & French ; *Visited* : USA, UK, France, Germany, Switzerland, Netherland, Belgium; *Add*: Institute of Agri., Anand.

PATEL, (Dr) Thakorbhai V.—Head, Dept. of Obst. & Gynae., M.S. Univ. of Baroda since 1954 ; *b* 5 January 1915 at Baroda ; *Edn* : M.D. (Midwifery & Gynae) in 1948 winning H.V. Gold Medal from Grant Medical College & F.I.C.S. in 1954 from International College of Surgeons ; *Pub* : More than 10 papers ; *Honours* : Dean of Faculty of Medicine ; *Exp* : Since 1954 at M.S. Univ. of Baroda ; *Mem* : Senate & Syndicate of Univ.; Medical Council of India, Ext. Cttee of Gujarat Medical Council ; Member of City Co-operative Bank, Baroda ; former Deputy Mayor and now Mayor of Baroda Corporation ; Chairman, Electricity, Baroda Corpn.; President, City Congress Cttee, Baroda ; Member, Gujarat Pradesh Congress Committee ; trustee of many educational institutions ; *Knows* : Hindi, Gujarati, English & Marathi ; *Visited* : UK & USA in 1954 ; UK, USSR & Scandinavian countries in 1959 ; UK, USA & Japan in 1966 ; *Hobb* : Social work ; *Add* : Kalpana Clinic, Roapura, Baroda.

PATEL, Vinodbhai Amthabhai—Vice Principal, Science College, Kadi since June 1967 ; *b* 6 November 1932 at Langhnaj in Dist. Mehsana ; *Edn* : M.Sc. in 1958 from Gujarat College, Ahmedabad & M.Sc. (Maths.) in 1961 from School of Sciences, Ahmedabad ; *Pub* : Text Book on Algebra ; A Text Book on Solid Geometry ; *Exp* : St. Xavier's College, Ahmedabad ; H.A. College of Commerce, Ahmedabad ; M.N. College, Visnagar ; H.P. Arts & S.M.S. Panchal Science College, Talod ; Manav Mandir Science College, Ahmedabad ; *Mem* : Ganit Mandal ; *Knows* : Gujarati, English & Hindi ; *Hobb* : Chess ; *Add* : 3, Krishna Co-operative Housing Society, Jail Road, Mehsana, Gujarat.

.5 at Ra
in 1929, A.
llege of Scie r Women,
logy, Math n S.N.D.J.
books and
Air Observ *Pub* : Book
L.D. Arts & *Exp* : Joined
Vallabh rati Adhyapak

PATHAK, (Mrs) Hira Ramnarayan—Reader in Gujarati, S.N.J Bombay since 1964 ; *b* 12 April 1916 at Bombay ; *Edn* : P.A. (Gujar Women's College, Bombay ; *Resch Exp* : Edited one 18th century on Apnu Vivechanasahitya ; papers on Vivechak Kakasaheb and oth S.N.D.T. Women's College in 1938 and held different positions ; M Sangh, ex-member of Gujarati Sahitya Parishad ; trustee of some educational societies; *Knows*: Gujarati, English, Marathi & Hindi ; *Add* : Orphanage Bldg., No. 4, 7-, Chowpatty Road, Bombay-7.

PATHAK, (Dr) J.C.—Principal, Shri Nehru Degree College, Agar since 1966 ; *b* 10 November 1926 at Sangur ; *Edn* : M.Com. in 1950, M.A. (Econ) in 1952 & Ph.D. (App Econ) in 1961 from Agra Univ.; *Resch Exp* : In the industrial development of Western U.P.; *Pub* : Principles & Practice of Accountancy, Introduction to Economics, A Model of General English Course ; *Exp* : A.K. College, Shikohabad ; Modi Science & Commerce College, Modinagar; N.R.E.C. College, Khurja ; S.S.L. Jain College, Vidisha ; J.N.S. College, Shujalpur ; *Mem* : Arts Faculty, Academic Council, Senate & Games Cttee of Vikram Univ.; *Knows* : Hindi, English, Urdu & Persian ; *Hobb* : Card playing and gardening ; *Add* : S.N. Degree College, Agar, M.P.

PATHAK, (Dr) J.D.—Dean, Govt. Medical College, Surat since 1964 ; *b* 24 December 1911 at Panchmahals in Gujarat ; *Edn* : MBBS in 1934 with Gold Medal from Grant Medical College, Bombay ; M.D. in 1945 from College of Physicians & Surgeons, Bombay ; *Pub* : Several papers mainly on Gastric Response to Indian Foods, Stomach, Pregnancy Tests, Reaction Time Studies, Sulphur Metabolism, Skin Temperature Studies etc.; books on Human Physiology (in 3 parts), Experimental Physiology, Text Book on Nutrition, Food in Health & Disease, Our Wonderful Body, Cancer, Cocain & Courage ; first to write medical books in Gujarati ; *Honours* : Cash Prize from Gujarat Govt., Medal from Gujarat Research Society ; *Exp* : B.J. Medical College, Ahmedabad ; T.N. Medical College, Bombay ; Dean, Medical College. Baroda ; *Mem* : Past Secy. of Association of Physiologists & Pharmacologists of India & Gujarat Research Society ; Member of Association for Advancement of Medical Education, Indian Science Congress, Gujarat Medical Council, Indian Council of Medical Research ; *Visited* : UK, Belgium ; *Knows* : English, Gujarati, Hindi & Sanskrit ; *Add* : Govt. Medical College, Surat.

PATHAK, (Dr) Jayant Himatlal—Director, Chunilal Gandhi Vidya Bhawan, Surat since 1964 ; *b* 20 October 1920 at Rajgadh in Dist. Panchmahals ; *Edn* : M.A. (Gujarati) in 1945 from Baroda College, Baroda ; Ph.D. (Modern Gujrati Poetry) in 1960 from M.T.B. College, Surat ; *Resch Exp* : Guiding Ph.D. students in Gujrati literature ; *Pub* : Poems on Marmara, Samketa, Vismaya ; Criticism : Adhunik Kavita-Pravah, Alok, Short-Story Form; Reminiscences: Vananchal besides translations ; *Honours* : Awarded 'Kumar-Chandrak', won Govt. Prizes ; *Exp* : M.T.B. College, Surat ; *Mem* : PEN (India), Ex. Cttee of Narmad Sahitya Sabha, Central Cttee of Gujarati Sahitya Parishad ; *Knows* : Gujarati, Sanskrit, English & Hindi ; *Hobb* : Interested in art and literature ; *Add* : C.G. Vidyabhavan, Surat.

PATHAK, (Dr) Kamlakant—Head of Hindi Dept., Nagpur Univ. since 1959 ; *b* 19 February 1922 at Ratlam in M.P.; *Edn* : M.A. (Hindi) in 1944 with first class first from Nagpur Univ. & Ph.D. in 1957 from Saugar Univ.; *Resch Exp* : Guiding many research students ; several already done their doctorate under his supervision ; *Pub* : Books on Adhunik Hindi Kavya (2 parts), Maithilisharan Gupt : Vyakti aur Kavya, Jaishankar Prasad, Hindi Bhasha aur Sahitya, Rachna aur Alochana, Phul aur Pate, Sangam, Navbharati, Apna Jeevan : apni Smrityian, Sahityak Kahaniyan ; over 150 papers published ; *Honours* : Won several academic and literary prizes; presided and addressed some literary organisations, functions and conferences ; referred to and quoted in some research works ; *Exp* : Samiti Vidyapeeth, Indore for one year ; Banasthali Vidyapeeth, Jaipur for 2 years ; Univ. of Saugar for 13 years ; *Mem* : Several educational bodies ; *Knows* : English, Hindi, Sanskrit, Marathi & Gujarathi ; *Hobb* : Travelling, fine arts ; *Add* : Sheela Sadan, Ramdas Peth, Nagpur-1.

PATHAK, (Dr) Kunj Bihari—Dept. of Statistics, Institute of Social Sciences, Varanasi since July 1966 ; *b* at Sonbarsa in Varanasi ; *Edn* : M.A. (Maths) in 1963 from K.N. Govt. College, Gyanpur & Ph.D. (Stat) in 1967 from BHU ; *Exp* : Zamania Hindu College, Zamania 1963 ; BHU 1963-64 ; Junior Research Fellow, C.S.I.R. 1964-65 & Lecturer in BHU 1965-66 ; *Mem* : Indian Science Congress ; *Knows* : Hindi, English & Sanskrit ; *Hobb* : Reading ; *Add* : c/o. Dr. S.N. Singh, Dept. of Maths., BHU, Varanasi-5.

PATHAK, Murari—Head, Dept. of Geography, Magadh Univ. since August 1963; *b* 17 February 1927 at Vill. Purnadih in Dist. Gaya; *Edn* : M.A. (Geog) in 1950 with first class first from BHU; Dip. in Education in 1960 from Teachers' Training College, Ranchi; *Resch Exp* : In physiographic evolution of Palamau district; guiding several research scholars and projects; *Pub* : On Industrial Regions of Chhota Nagpur, Study of Landforms in Jethian Region, Transport Geography of Gaya City; *Exp* : Ranchi College, Ranchi 1950-63; *Mem* : National Geographical Society of India, Indian Science Congress; *Knows* : Sanskrit, English, Bengali & Hindi; *Visited* : Nepal; *Hobb* : Drawing; *Add*: Dept. of Geog., Magadh Univ., Gaya.

PATHAK, Shankerlal Chunilal—Principal, M.J. College of Commerce, Bhavnagar since 1955; *b* 16 July 1915 at Balambha in Gujarat; *Edn* : M. Com. in 1942 from Bombay Univ.; *Resch Exp* : In Marketing of Cotton Textile Products in India, Corporation Finance, Agrl. Economics, guide for Ph.D. scholars; *Pub*: Over 15 research papers mainly on Vagaries of Cloth Control, Productivity, Profitability in Private & Public Enterprises, Transport Development; *Exp* : Fellow, H.L. College of Commerce, Ahmedabad 1947-55; M. J. Commerce College, Bhavnagar since 1955 ; *Mem* : Dean, Faculty of Commerce, Saurashtra Univ.; Member, Rotary Club, All India Commerce Association, Economic Advisor to Saurashtra Chamber of Commerce, member of many Univ. bodies; *Knows* : Gujarati, Hindi, English, Punjabi, Bengali & Marathi; *Add* : M.J. College of Commerce, Bhavnagar.

PATHAK, (Dr) Shiva Sahai—Lecturer in Hindi, Vikram Univ.; *b* 31 January 1934 at Banaras; *Edn* : M.A. (Hindi) in 1955 with first class first from BHU & Ph.D. in 1961 from Saugar Univ.; *Pub* : About 20 books and more than 100 papers; books on Padmavat ka Kavya-Saundarya, Chitra-rekha: Maslanama, Jayasi aur unka Kavya etc. ; *Honours* : Twice awarded by U.P. Govt. ; *Exp* : For over 14 years ; *Mem* : Several educational bodies of Vikram Univ.; *Knows* : Hindi, Urdu, English, Pali, Gujarati & Prakarit; *Hobb* : Composing poetry ; *Add* : Dept. of Hindi, Vikram Univ., Ujjain.

PATIL, Appasaheb Annasaheb—Principal, Devchand College, Arjunnagar since June 1965; *b* 17 January 1920 at Yadrav in Dist. Kolhapur; *Edn* : M.Ed. in 1951 from Indian Institute of Education, Bombay; M.A. (History) in 1954 from Siddharth College, Bombay; *Resch Exp*: In non-attendance of primary school children of the compulsory age group; *Pub* : Several articles; *Exp* : Chhatrapati Shivaji College, Satara ; Baramati College, Baramati; *Mem* : Indian History Congress, Asiatic Society of Bombay; Syndicate, Executive Council of Poona Univ.; *Genl :* Active participant in Indian States Peoples movement and National movement, thrice detained in Jail without trial; *Knows* : English, Marathi, Hindi & Kannada; *Add* : Devchand College, Arjunnagar, Via Nipani, Dist. Kolhapur.

PATIL, Basavaraj Bhimappa—Dept. of Sociology, S. B. Arts College, Gulbarga; *b* 4 March 1933 at Ingalgi in Dist. Bijapur; *Edn* : M.A. in 1959, LL.B. in 1962 from Univ. of Bombay; M.A. (S.W.) in 1967 from Karnatak Univ.; *Exp* : Ilkal High School, Ilkal for 3 years; Social Worker for nearly 6 years; *Mem* : Bharat Sewak Samaj, Indian Council of Social Welfare, Indian Association of Trained Social Workers, Bombay Sociologists Association, supervised and conducted various extension and community development schemes; *Genl :* Great social worker and actively participating in social and community programmes; *Knows* : English, Kannada, Hindi & Marathi; *Hobb* : Books collection; *Add* : Vill. Kevakalmatti, Dist. Bijapur.

PATIL, Bhaskar Hari—Principal, Arts & Commerce College, Wai since June 1964; *b* 18 February 1931 at Malkapur in Dist. Buldhana; *Edn* : M. Com. in 1955 & LL.B. in 1954 from Nagpur Univ.; *Resch Exp* : Submitted thesis for Ph.D. on Management of Co-operative Societies; A Case Study of Pravava Sahakari Sakhar Karkhana; *Exp* : People's College, Nanded & Sydenham College, Bombay for 9 years; *Mem* : Academic Council of Shivaji Univ.; *Knows* : Marathi, Hindi & English; *Add* : c/o H.G. Patil, Cloth Shop, Malkapur, Dist. Buldhana.

PATIL, (Dr) Bhaskarrao Sambhaji—Principal, Science College, Satara since 1968 & Dean, Faculty of Science, Shivaji Univ. ; *b* 9 August 1919 at Yedemachindra *Edn* : Ph.D. (Spectroscopy) in 1952 from Institute of Science, Bombay; *Resch Exp :* In Hg Lines in Hg Vapour Lamp, Estimation of Rotational Temperature of Bands, Probabilities in Diatomic Molecules etc. ; *Exp* : Started in Shivaji Univ.; *Mem* : Physical Society of India, Indian Science Congress; *Knows* : Marathi, English & Hindi; *Add* : Science College, Satara.

PATIL, G.K.—Principal, Sholapur College, Sholapur since 1962; *b* 15 May 1914 at Ankli in Dist. Sangli; *Edn* : M.A. (Sanskrit) in 1940 from Rajaram College ; *Exp :* Rajaram College, Kolhapur; D.A.V. College, Sholapur; Chhtrapati Shivaji College, Satara; *Mem* : Syndicate, Senate, Academic Council, Board of Studies and other bodies of Shivaji Univ.; *Genl* : Founded two educational Societies, four Arts, Science & Commerce Colleges and a few Secondary Schools; besides edited a few journals; *Knows* : Marathi, Hindi, Sanskrit, Ardhamagadhi, English & Kannada; *Add* : Sholapur College, Sholapur-2.

PATIL, (Dr) Shivaji Ramrao—Principal, Pratishthan Mahavidyalaya, Paithan since 1966; *b* 9 February 1933 at Jakekur in Dist. Osmanabad; *Edn* : M.A. (Marathi) in 1956 with Second class second from Osmania Univ. ; *Pub* : Poems in Marathi; *Exp* : City Science College, Hyderabad 1956-58 ; Evening College, Hyderabad 1958-59; Shri Chhatrapati Shivaji College, Omerga 1959-65; Maharashtra Udagiri Mahavidylaya, Udgiri 1965-66; *Mem* : Academic Council, Faculty of Arts, Board of Studies & Court of Marathwada Univ.; *Knows* : Marathi, English, Hindi, Urdu & Kannada; *Add* : P.O. Gunjoti, Dist. Osmanabad.

PATIL, Shivangouda Rangangouda—Principal, S.V.M. Arts & Science College, Ilkal since 1965; *b* 20 March 1920 at Bidari in Dist. Bijapur; *Edn :* M.Sc. (Inorg Chem) in 1951 from Lingaraj College, Belgaum; *Exp :* Lingaraj College, Belgaum; S.B. College, Gulbarga; J.T. College, Gadag ; total teaching experience of about 24 years; *Mem* : Indian Science Congress; *Knows* : Kannada, Marathi, Hindi & English; *Hobb* : Agriculture; *Add :* At Shirbur, P.O. Kanabur, Dist. Bijapur.

PATIL, Tatappa Krishnappa—Principal, Shri Annadaneshwar College, Naregel since June 1967 ; *b* 20 December 1906 at Bidari in Dist. Bijapur ; *Edn* : M.A. (Maths) in 1932 from Univ. College, London ; *Pub* : Trigonometry for High Schools ; *Honours :* Dasara award in 1964 for meritorious service in education ; *Exp :* Lingaraj College, Belgaum ; Vijaya College, Bijapur ; J.T. College, Gadag ; G.I.B. College, Nipani ; *Mem* : Senate, Academic Council & Syndicate of Karnatak Univ. ; Dean, Faculty of Science ; *Hobb* : Agriculture ; *Knows* : English, Kannada, Marathi & Hindi ; *Visited* : UK for higher education ; *Add* : Shri Annadaneshwar College, Naregal, Mysore State.

PATNI, Ratan Lal—Prof. of Commerce, P.M.B. Gujrati College, Indore since 1962 ; *b* 3 April 1936 at Sanawad in Dist. Nimar ; *Edn* : M.Com. in 1958 & LL.B. in 1960 from Holkar College, Indore ; M.A. (Sociology) in 1962 from Indore Christian College, Indore ; *Pub :* Books—Principles of Economics, Money Banking and Exchange, Industrial Law, Public Finance, Monetary Economics, Rural Economics, Industrial Organisation, Business Organisation & Methods, International Trade & Tariff etc. ; *Exp* : For 8 years teaching P.G. classes ; *Knows :* Hindi, English & Gujarati ; *Add :* 7/4, Malharganj, Indore-2.

PAVATE, Dadasaheb Chintamani—Governor of Punjab since October 1967 ; *b* 2 August 1899 at Mamdapur, in Dist. Belgaum ; *Edn* : M.A. (Cantab) (Maths) Tripos in first class in 1928 from Sidney Sussex College, Cambridge ; *Resch Exp* · Under Mr. Pollard at Cambridge ; *Pub* : Modern Algebra for different classes ; Modern College Calculus for different years ; Memoirs of an Educational Administrator ; *Exp* : Prof. of Maths., BHU 1928-30 ; Divisional Inspector of Schools, Bombay 1930-47 ; Director of Public Instruction 1947-54 ; Vice Chancellor, Karnatak Univ. 1954-67 ; *Mem* : U.G.C. for 8 years ; member of Ex. Cttee of Commonwealth Universities for 3 years ; member, Official Language Commission 1955 ; leader of Indian Delegation to International Educational Conference at Geneva in July 1956 ; Chairman, Gauhati Univ. Enquiry Commission, Leader of the Cultural Delegations to East Germany in 1965 and to Russia in 1967 ; Padma Bhushan in 1967 ; *Visited :* UK, France, Germany, Italy, Switzerland, USA, Canada, Japan, Hongkong, Singapore, Australia & Newzealand, Russia & E. Germany ; *Add :* Raj Bhawan, Chandigarh.

PEREIRA, (Dr) A.N.G.—Principal, St. Xavier's College, Mapsa since 1965 ; *b* 25 September 1926 at Majorda in Goa ; *Edn* : M.Sc. (Chem) in 1961 & Ph.D. in 1963 from St. Louis Univ., USA ; *Pub* : On thermal conductivity of some polyatomic gases and several articles ; *Exp* : Univ. of Maryland, USA 1963-64 ; Webster College, USA ; St. Louis Univ., USA ; *Mem :* American Chemical Society, Indian Science Congress, American Physical Society, Sigma Xi ; *Visited :* Europe, USA & Mexico ; *Knows* : Konkani, Hindi, Portuguese, Spanish, French & German ; *Add* : St. Xavier's College, Mapsa, Goa.

PETHE, (Dr) Laxman Dattatraya—Dept. of Chemistry, Marathwada Univ. since September 1967 ; *b* 30 October 1933 at Bhadgaon in Dist. Jalgaon ; *Edn* : M.Sc. (Phy. Chem.) in 1957 from Institute of Science, Bombay & Ph.D. in 1966 from National Chemical Laboratory, Poona ; *Resch Exp :* For 7 years in solid gas interaction and worked on a corrosion research project ; *Pub :* Five papers ; *Exp* : Calico Chemicals, Bombay 1957-59 ; *Knows :* English, Hindi, Marathi, Gujarati & German ; *Visited* : W. Germany during 1966-67 for research ; *Hobb* : Music and farming ; *Add :* Chemistry Dept., Marathwada Univ., Aurangabad.

PETHE, (Dr) Vasant Prabhakar—Reader in Economics, Marathwada Univ. since January 1967 ; *Edn* : M.A. (Econ) in 1950 from Fergusson College, Poona & Ph.D. in 1958 from Gokhale Institute of Pol. & Economics ; *Resch Exp* : For over 15 years in applied economics ; *Pub* : Four books including Living & Working Conditions of Primary Teachers, Demographic Profiles of an Urban Population ; besides over 30 articles ; *Exp* : D.A.V. College, Sholapur 1950-56 ; Gokhale Institute of Politics & Economics, Poona 1957-66 ; *Mem* : International Union for the Scientific Study of Population ; *K ows* : English, Hindi & Marathi ; *Visited* : USA 1964-65 ; *Add* : c/o Prof. S.T. Mainkar, 3-3-1003, Kudbiguda, Hyderabad-27.

PILLAI, (Dr) K. Raghavan—Director, Oriental Research Institute & Manuscripts Library; Kerala Univ. since November 1958 ; *b* 25 November 1920 at Puliyoor in Dist. Alleppey ; *Edn* : M.A. (Sanskrit) in 1944 with first class and winning M.A. Iyer Gold Medal from Kerala Univ. & Ph.D. (Linguistics) in 1951 from London Univ. ; Post-doctoral studies from Univ. of California ; *Pub* : Books on Malayala Ppiravi, Facets of Indian Unity, Ulloor Kavita, Asaan Kavita, Tagore, J.L. Nehru ; and several papers ; *Exp* : Hindu College, Changanacherry ; School of Oriental & African Studies, London ; Univ. College, Trivandrum ; American Academy of Asian Studies, San Francisco ; *Mem* : Member of Educational Delegation visiting China in 1955 ; member of Board of Studies, Faculty of Oriental Studies, Advisory Cttee on Malayalam Encyclopaedia of Kerala Univ. ; formerly member of Official Languages (Legislative) Commission of Kerala State; Archives Advisory Cttee of Kerala State; *Knows*: Sanskrit, English & Malayalam ; *Visited*: UK, USA & China ; *Add* : Oriental Research Institute & Manuscripts Library, Kerala Univ., Trivandrum.

PILLAI, Nilakanta Rajasekharan—Dept. of Metallurgy, BHU since September 1964 ; *b* 24 February 1936 at Haripad in Kerala ; *Edn* : B.Sc. (Met. Engg) in 1959 from BHU & M,Sc. (Engg) in 1962 from Univ. of Saskachewan, Canada ; *Resch Exp* : In the field of High temperature oxidation of mild steels, moulding and solidification etc. ; *Exp* : Govt. College of Engg. & Techy., Raipur ; Universal Ferro & Allied Chemicals Ltd., Tumsar ; *Mem* : Indian Institute of Metals, Institution of Engineers, Institute of Indian Foundrymen, Geology, Mining & Met. Society of India (member of its Executive) ; Secy. of BHU Teachers' Association ; *Knows* : Malayalam, Hindi, Tamil, English & French ; *Visited* : Canada, Singapore ; *Hobb* : Gardening ; *Add* : Dept. of Metallurgy, BHU, Varanasi.

PILLAI, (Dr) P.K. Chellappan—Asstt. Prof. of Physics, I.I.T., New Delhi since 1962 ; *b* 25 July 1931 at Nedumkunnam in Dist. Kottayam ; *Edn* : M.Sc. (Physics) in 1959 & Ph.D. (Solid State Physics) in 1963 from Saugar Univ. ; Post-doctoral training in Applied Optics in 1964 from Univ. of London; *Resch Exp*: In the field effect of Electret Effect of high electric field on the boiling point of liquids, colorimetry and spectrophotometry etc. ; *Pub* : More than 15 papers ; *Exp* : Univ. of Saugar 1959-60 ; *Mem* : Institute of Physics (London) ; *Knows*: Malyalam, English, German, Tamil, Hindi & Urdu ; *Visited* : UK, Holland, France, Italy, Norway, Sweden, Denmark, W. Germany to attend scientific conferences ; *Hobb* : Dramatics, acting, painting etc. ; *Add* : Mullasseril House, Nedumkunnam, Changanacherry, Kerala State.

PILLAI, Padmanabhan Thampi Kumara—Prof. of Agrl. Botany & Vice Principal since May 1965; *b* 13 April 1914 at Thuckalay in Kumari Dist.; *Edn* : M.Sc. (Agrl. Bot) in 1943 from BHU & M.S. (Genetics & P. Breeding) in 1958 from Louisiana State Univ.; *Resch Exp* : For 25 years; *Pub* : About 25 research papers; *Exp* : Research Officer, Univ. of Travancore; Prof. in Agrl. Botany at Agrl. College & Research Institute, Vellayani since June 1962; *Mem* : Board of Studies & the Faculty of Agri., Univ. of Kerala; *Knows* : Malayalam, Tamil & English; *Visited* : USA; *Add* : Dept. of Agrl. Botany, College of Agri. & Research Institute, Vellayani, Kerala.

PONNAIYA, (Dr) Barnabas William Xavier—Dean, Agrl. College & Research Institute, Coimbatore-3 since 1964; *b* 29 March 1912 at Ramanathapuram in Madras State; *Edn* : M.Sc. (Genus Sorghum-resistance to shoot fly atherigona indicum) in 1949, Ph.D. (Studies in genus sorghum silica pattern) in 1959 from Madras Univ.; *Pub* : Over 50 articles in Indian and foreign Journals; *Resch Exp* : Asstt., Agrl. College & Research Institute, Coimbatore 1934-44: Agrl. Research Station, Siruguppa 1944-47; Univ. Botany Lab., Madras 1947-49; Supdt., Agrl, Research Station, Kovilpatti 1949-54; Millet Specialist 1955-59, Prof. of Plant Breeding & Genetics 1959, Assoct. Dean & Prof. of Plant Breeding 1959-64, Ex. Officio Addl. Director of Agriculture & Prof. of Plant Breeding & Genetics at Agrl. College & Research Institute; *Mem* : President of Academy of Agrl. Sciences (Coimbatore), Member of Academic Council & Senate of Madras Univ., Gamma Sigma Delta (USA), Sigma Xi; *Knows* : English & Tamil; *Visited* : USA 1957-58 for study about hybrid sorghums; *Hobb* : Bird watching; *Add* : Agrl. College & Resch. Institute, Coimbatore-3.

PORWAL, (Dr) Laxman Swaroop—Reader, Delhi School of Economics, Delhi-7 since 1967; *b* 4 February 1927 at Kota in Rajasthan; *Edn* : M. Com. with first class first in 1950 from Birla College, Pilani & LL.B. in 1953 from Herbert College, Kota; Ph.D. in 1966 on Rajasthan State Finances; *Pub* : A book on Indian Statistics (in Hindi) besides papers on Sugar Industry in India, State Finance and Federal Finance, Census etc.; *Exp* : For 18 years in Univ. of Rajasthan before coming to Delhi Univ.; *Mem* : Indian Commerce Association; *Knows* : English & Hindi; *Add* : Dept. of Commerce, Delhi School of Economics, Delhi-7.

POTDAR, (Dr) Krishnaji Raghunath—Principal, Ismail Yusuf College, Bombay since November 1962; *b* 3 December 1909 at Vada in Dist. Thana; *Edn* : M.A. (Ardhamagadhi) in 1934 from Wilson College, Bombay; D. Litt. in 1956 with S.G. Zala Vedanta Prize; *Resch Exp* : For near 30 years, guiding research scholars; *Honours* : Awarded V.N. Mandlik Gold Medal 1939, T.M. Munshi Gold Medal 1946; *Exp* : For last 35 years at Gujarat College, Ahmedabad; Elphinstone College, Bombay; Karnatak College, Dharwar; N.M. College, Visnagar; Govt. Arts & Science College, Aurangabad; *Mem* : All India Oriental Conference; *Knows* : Marathi, Gujarati, Hindi & English; *Add* : Ismail Yusuf College, Jogeshwari, Bombay-60.

POTDAR, Madhao Rajaram—Headmaster, Pragatic Madhyamik Vidyalaya, Dasgaon since 1954; *b* 15 April 1935 at Washi in Dist Kolaba; *Edn* : Acharya (Marathi) in 1963 from Maharashtra Sahitya Parishad; Bhasharatna (Hindi) in 1963 from Bombay Hindi Vidyapeeth & B.A. (Hons) in 1967 from Poona Univ.; *Pub* : Amarshekha's Poems, Jyot, Panjat, Zashichi Rani Laxmi, Bhalachandra's Poem; *Exp* : V.H. Paranjape Mandir, Mahad for 3 years; Poyanad High School for one year; *Mem* : M.S. Parishad, Urdu Marathi Milaph ; *Knows* : English, Marathi & Hindi; *Hobb* : Drawing, painting, oration and music; *Add* : Madhli Ali, Mahad, Dist. Kolaba.

POWAR, (Dr) Prataprao Laxmanrao—Dean, Medical College, Nagpur since May 1962; *b* 14 October 1909 at Abu Road; *Edn* : Trained in Treatment of T.B. in 1938, trained as Instructor Trainer for Medical Treatment in Gas Warfare in 1941, M.D. in 1946 from G.S. Medical College, Bombay; *Pub* : Numerous research papers; *Edn* : Civil Surgeon 1948-1958; D.D.M.S. 1958-62 at Medical College, Nagpur; *Visited* : Thailand on behalf of WHO to observe hospital facilities; *Knows* : English, Hindi, Marathi, Gujarati & Sanskrit; *Hobb* : Photography; *Add* : Medical College, Nagpur.

PRABHU, (Dr) Kamalakar Anant—Asstt. Prof. of Bio-chemistry, National Sugar Institute, Kanpur since March 1966 ; *b* 3 December 1929 at Kumta in Dist. Karwar ; *Edn* : M.Sc. (Bio-chem) in 1954 from Univ. of Poona & Ph.D. in 1962 (thesis on-Biosynthesis of Suncrose in sugar cane plant and production of Riboflavin by Asp. niger) from National Sugar Institute, Kanpur ; *Resch Exp* : In the field of sugar and fermentation industries, enzymology, microbiology ; supervising several research projects ; *Pub* : About 20 papers on various sugar-production problems ; *Exp* : Poona Univ. 1954-56 ; joined National Sugar Institute, Kanpur in 1956 and held different positions ; *Knows* : Hindi, English, German, Kannada, Marathi & Konkani ; *Add* : 1247 Kasba Peth, Niraji Smriti, Ist. Floor, Near Darga, Poona-11.

PRABHU, (Dr) M. G.—Dean, Madurai Medical College & Erskine Hospital, Madurai since August 1966 ; *b* 4 February 1918 at Uppinangadi in Dist. S. Kanara ; *Edn* : MBBS in 1940 with Sir A.L. Mudaliar Gold Medal & Airvadanadar Memorial Prize, M.D. in 1946 from Madras Univ. ; *Pub* : About 20 papers ; *Exp* : Madras Medical College for 8 years ; Stanley Medical College, Madras for 5 years ; Prof. of Medicine at Madurai Medical College, Madurai 1963-66 ; *Mem* : Indian Medical Association, Vice-President of Madras Medical Association, Vice-President of Indian Red Cross Society (Madurai Branch), Indian Academy for the Advancement of Medical Education, Association of Physicians of India, Indian

Association of Chest Diseases, member of many Univ. bodies ; question paper setter and examiner of many universities in India ; *Visited* : Several medical establishments in Canada ; *Knows :* Tamil, English, Hindi, Kannada, Sanskrit, Konkani, Telugu & Tulu ; *Add* : Shanthi, 1/23-24-B, Casa Major Road, Egmore, Madras-8.

PRABHU, (Dr) Pandharinath H.—Visiting Prof. of Psychology, Jacksonville Univ., USA since 1967 ; *b* 15 November 1911 at Vengurla in Dist. Ratnagiri ; *Edn:* Ph. D. (Social Psychology) in 1937 from Univ. of Bombay ; Govt. of India Overseas Scholar for Advanced Study in Psychology in many universities of USA during 1948-50 ; won several honours during this period; *Resch Exp*: During past 35 years; *Pub* : A book on Hindu Social Organisation : Psychological Foundations ; monograms on Socio-Psychological effects of Urbanisation, a Manual of Interviewing, Measurement of Attitudes etc.; over 50 papers ; *Honours :* International Scientist by American Psychological Association ; Fulbright Visiting Professor ; sponsored by American National Academy of Sciences etc. ; *Exp* : Elphinstone College, Bombay ; Gujarat College, Ahmedabad ; Khalsa College, Bombay ; Tata Institute of Social Sciences, Bombay ; Univ. of Pennsylvania, USA ; Chief Research Officer, UNESCO ; directed 20 Ph.D. students ; S.P. Univ. ; Annamalai Univ. ; Baroda Univ. ; *Mem :* President, Psychological Section of Indian Science Congress ; Fellow of American Psychological Association ; International Council of Psychologists ; American Association for Humanistic Psychology, American Association for the Advancement of Science and many other international bodies ; *Genl*: Travelled extensively ; consultant editor to many journals; lectured by invitation at numerous universities ; *Visited :* USA, UK, France, Switzerland for post-doctoral studies ; *Knows :* Marathi, Hindi, Gujarati, Sanskrit & English ; *Hobb :* Classical music ; *Add :* Dept. of Psychology, Jacksonville Univ., Florida, USA.

PRADEEP KUMAR—Principal, Chhotu Ram Arya College, Sonepat since July 1968 ; *b* 5 March 1925 at Jhang in W. Pakistan ; *Edn* : M.A. (English) in 1948 from Govt. College, Lahore ; *Pub* : Given several features and talks on the All India Radio ; *Exp* : Doaba College, Jullundur for 18 years ; Principal, Kamla Memorial College, Narwana 1966-1968 ; *Mem* : Several Social bodies, Senate, Academic Council, Board of Studies of Punjab Univ. ; Ex-President of Punjab College Teachers' Union ; *Knows* : English, Hindi, Urdu, Punjabi, German & Sanskrit ; *Hobb :* Music and drama ; *Add* : C.R.A. College, Sonepat, Haryana.

PRASAD, Basudev Nandan—Head, Hindi Dept., Gaya College, Gaya since 1948 ; *b* 2 March 1925 at Patna ; *Edn* : M.A. (Hindi) in 1947 & Ph.D. in 1961 from Patna Univ. ; *Resch Exp :* Guiding many research students ; *Pub* : Pant ka kavya, Chetna men Gunjan, Hindi Kahani aur kahanikar, Vichar aur Nishkarsh, Adhunik Vyakaran aur Rachna, Bhartendu Jug ka Natya Sahitya aur Rang Manch, Sahitya ka Vishleshan etc. ; *Exp :* Started with Gaya College, Gaya ; *Mem :* several educational associations ; *Knows :* English, Hindi, Bengali, Urdu & Magadhi ; *Hobb :* Staging dramas and guiding research students ; *Add* : Gaya College, Gaya.

PRASAD, (Dr.) Braham Govind—Prof. & Head, Dept of Social & Preventive Medicine, K.G. Medical College, Lucknow since March 1958 ; *b* 14 November 1915 at Orai in Dist. Jalaun ; *Edn* : MBBS in 1937 with first class first and prizes from K.G. Medical College, Lucknow ; D.P.H. in 1939 from All India Institute of Hygiene & Public Health, Calcutta ; D.T.M. in 1940 winning Gold Medal & first position from School of Tropical Medicine, Calcutta ; *Resch Exp* : For about 30 years ; *Pub* : More than 100 papers on Social & Preventive Medicine, Cholera, Plague, Kala-azar, Diphtheria, hook worm, tuberculosis, trachoma, yaws, lathyrism, diabetes, blindness, leprosy, morbidity in children, health of rural population and practice of family planning ; *Exp* : K.G. Medical College, Lucknow ; *Mem :* WHO Expert Panel of Professional & Technical Education of Medical & Auxiliary Personnel, Advisor on WHO Workshops in Teaching Methods in Medical Education ; member, Council of the International Epidemiological Associations, Rapporteur of the WHO Expert Cttee on Use of Health Service Facilities ; Fellow of Indian Academy of Medical Sciences ; *Knows* : English & Hindi ; *Visited :* UK, USA, Puerto Rico, Yugoslavia, Switzerland, Ceylon etc. to attend conferences etc. ; *Add* : Dept. of Social & Preventive Medicine, K.G.'s Medical College, Lucknow.

PRASAD, (Dr) Jogendra—Prof. & Head, Dept. of Anaesthesiology, Lucknow Univ. since 1959 ; *b* 30 July 1919 at Laheriasarai in Dist. Darbhanga ; *Edn* : MBBS in 1952 from Darbhanga Medical College ; DARCP & RCS in 1957 from Royal College of Physicians & Surgeons, Ireland ; M S. (Anaesth) in 1961 from Darbhanga Medical College & FFARCS in 1964 from Royal College of Surgeons, Ireland ; *Pub :* Numerous papers ; *Exp :* Darbhanga Medical College ; *Mem* : Academic Council, Faculty of Medicine of Lucknow Univ. ; Indian Medical Association of Anaesthetists of G.B. & Ireland ; *Knows :* Hindi, English, Bengali, Maithili & Bhojpuri ; *Visited :* UK & Ireland ; *Add :* G.S.V.M. Medical College, Kanpur.

PRASAD, (Dr) Kamta—Asstt. Prof. of Economics, Indian Institute of Technology, Kanpur since August 1966 ; *b* 21 January 1936 at Kudra in Dist. Shahabad in Bihar ; *Edn :* M.A. (Econ) in 1958 with first class first from Delhi School of Economics & Ph.D. in 1966 from School of Economic Studies, Univ. of Leeds ; *Resch Exp :* For 6 years ; *Pub :* Books on Elementary Economics, Higher Secondary Economics, Economic Development of Bihar, Role of Money in a Developing Society ; papers over 10 ; *Exp* : Patna Univ. 1958-66; *Mem :* Indian Economic Association; *Genl :* Throughout first divisioner ; U.G.C. Fellowship 1962-63 ; Commonwealth Scholarship 1963-66 ; *Knows* : Hindi & English ; *Visited :* UK ; *Add :* c/o Dr. Bimla Prasad, Indian School of International Studies, Sapru House, Barakhamba Road, New Delhi-1.

PRASAD, Madhusudan—Special Officer, Life Insurance Corpn. of India since December 1963 ; *b* 14 August 1914 at Bathana in Dist. Champaran ; *Edn :* M.Sc. (Maths) in 1939 from Patna Science College, Patna ; *Resch Exp* : In the theory of numbers ; *Pub* : Various articles in daily papers, magazines (national and international) on science, education, insurance, education, international co-operation and an idealist view of life ; *Exp* : Jain College, Arrah 1944-45 ; Gaya College, Gaya 1945 ; LIC Officers' Training College, Nagpur 1963-65 ; *Genl :* Working for world peace : & human brotherhood ; *Mem* : Indian Science Congress, Federation of American Scientists (USA), Council of United Nations Association, National Council of Indian Theosophical Society, Executive Cttee (International) of World Union ; Vice-President of Bengal Theosophical Federation, Chairman of Education Cttee of Insurance Society ; member of Royal Economic Society (London), Chartered Insurance Institute (London), Federation of Insurance Institutes (Bombay) ; *Knows :* Hindi, Sanskrit, English, Urdu & Bengali ; *Visited* : UK, Italy & France during 1953 ; *Add :* Lakshmi Bldg., 7 Esplanade East, Calcutta-1.

PRASAD, Maheshwari—Dept. of Geography, Ranchi College, Ranchi since November 1964 ; *b* 11 October 1944 at Uprahuli in Dist. Gaya ; *Edn* : M.A. (Geog) in 1964 with first class first from Magadh Univ. ; *Resch Exp :* Doing research on Agricultural Geography of South Bihar Plains ; *Pub :* A few papers like Stone-chips industry & Crop Patterns in and around Gaya etc. ; *Honours :* Gold Medal from Magadh Univ. in 1964 ; *Exp :* Started with Ranchi Univ. ; *Mem :* Indian Science Congress ; *Knows* : English & Hindi ; *Hobb :* Outdoor games ; *Add :* Vill. Uprahali, P.O. Paraiya, Dist. Gaya.

PRASAD, (Dr.) Mata—Retired ; *b* 15 February 1898 at Gursahaiganj in Dist. Fatehgarh; *Edn* : M.Sc. (Physics) in 1922 from Agra College, Agra & D.Sc. (Chem) in 1924 from BHU; *Resch Exp :* For over 35 years in Colloid Chemistry, Magneto & Photo Chemistry, Chemical Kinetics, X-Rays and Structure of Crystals, Industrial Chemistry, Inorganic Reactions, Analytical-Chemistry etc. ; guided many students for Ph.D. ; *Pub :* More than 100 papers published in Indian and foreign journals ; *Exp* : Institute of Science, Bombay 1925-53 ; Director, Central Salt & Marine Chemical Research Institute, Bhavnagar 1953-56 ; Vice-Chancellor, Vikram Univ. 1956-60 ; Emeritus Prof. of Chemistry, St. John's College, Agra 1961-67 ; *Mem :* National Institute of Sciences, Royal Institute of Chemistry, Indian Chemical Society (its President), Institution of Chemistry (President), President of Chemistry Section of Indian Science Congress ; *Knows* : Urdu, English & Hindi ; *Visited :* UK 1926 & 1933, USA 1951, Germany, France, Switzerland, Belgium & Holland etc. ; *Add :* Mathura Niwas, 4281, Pipalmandi, Agra-3.

PRASAD, (Dr) Rajendra—I.A.R.I., New Delhi ; *b* 1 January 1936 at Haidarabad, Unnao, U.P. ; *Edn :* M.Sc. (Agri Chem) in 1956 from Govt. Agri. College, Kanpur & Ph.D. (Agronomy) in 1961 from Mississippi State Univ. ; *Resch Exp :* For 10 years in sugarcane agriculture and in evaluation of fertilizers ; *Pub* : About 20 papers and 8 reports ; *Honours* : Recipient of 3 Gold Medal, 1 Silver and 1 Bronze Medals at Govt. Agri. College, Kanpur ; *Exp :* Govt. Agri. College, Kanpur ; Mississippi State Univ., USA ; National Sugar Institute, Kanpur ; *Mem :* Phi Kappa Phi, Indian Society of Agronomy, Indian Society of Soil Sciences ; *Knows :* English, Hindi, Urdu & French ; *Visited* : USA & UK ; *Add :* I.A.R.I., Hillside Road, New Delhi-12.

PRASAD, (Dr) Ram Chandra—Head, Dept. of Pol. Sc., Magadh Univ. since July 1964 ; *b* 1 January 1934 at Pyarepur in Dist. Patna ; *Edn* : M.A. (Pol Sc) in 1956 from Patna Univ., M.D.P.A. (1960) with first class from Indian School of Public Administration, Ph.D. (Village Govt. in Bihar) in 1964 from Univ. of Bihar ; *Pub* : Books on the Panchayat Samiti, The Organisational Pattern of the River Valley Projects in India, The Indian Political Scientist - His Dilemmas and Responsibilities, Current Trends in Political Science ; *Exp :* Univ. of Bihar for 7 years ; *Mem* : Indian Institute of Public Administration ; *Knows* : English & Hindi ; *Add* : Dept. of Pol. Sc., Magadh Univ., Gaya.

PRASAD, (Dr) S. S.—Reader & Head of Botany Dept., Bihar Univ. since January 1964 ; *b* 22 August 1927 at Ranchi ; *Edn* : M.Sc. (Bot) in 1951 with first class first from Patna Univ. & Ph.D. (Mycology & Plant Pathology) in 1963 from Bihar Univ. ; *Resch Exp* : Guiding many research students in mycophysiology and mycology ; *Pub :* Over 30 research papers ; *Exp* : Science College, Patna 1951-52 ; Ranchi College, Ranchi 1953-55 ; L.S. College, Muzaffarpur 1955-63 and Reader since 1964 ; *Mem* : Indian Botanical Society, National Academy of Sciences, Indian Phytopathological Society Indian Science Congress ; *Knows* : Hindi, Bengali & English ; *Visited* : Nepal during 1967 ; *Genl* : C.S.I.R. has sanctioned a scheme for the investigation of disease of 'litchi' under his supervision ; *Add* : New Yarpur Road, Patna-1.

PRASAD, (Dr) Saileshwar—Tribal Education Unit, Dept. of Adult Education, New Delhi since 1966 ; *b* 8 September 1935 at Ranchi ; *Edn* : M.A. (Anth) in 1957 with second class first from Bihar Univ. & Ph.D. (A Study in tribal interaction) in 1967 from Ranchi Univ. ; *Pub* : Tribes and Castes meet and articles others *Exp* : Anthropology Dept., Bihar Univ. 1957-58 ; Office of Registrar General, Ministry of Home Affairs, New Delhi 1962-66 ; delivered lectures to District Social Education Officers, Indo-Tibetan Border Police and Summer Institutes ; *Mem* : Association of the Current Anthropology and other clubs; *Knows* : English & Hindi ; *Add* : Dr. S. Prasad, U/6, First Floor, Green Park, New Delhi-16.

PRASAD, (Dr) Sankatha—Prof. & Head, Dept. of Pharmaceutics, BHU since October 1963 ; *b* 15 February 1911 at Shivpur in Dist. Varanasi ; *Edn* : M.Sc. (Agri Bot) in 1935 & D.Sc. (Pharmacognosy) in 1949 from BHU & Ph.D. (Pharmacy) in 1948 (as Watumull Foundation Scholar) from Univ. of Wisconsin, USA ; *Resch Exp* : For over 30 years in pharmacognosy and phytochemistry ; *Pub* : Over 50 papers ; Asstt. Editor for 1939-42 and Editor 1943-46 of Indian Journal of Pharmacy ; *Exp :* Lecturer 1937-49, Reader 1950-62 & Prof. since 1963 at BHU ; *Mem* : Indian Pharmaceutical Association, ex-member of American Institute of Pharmacy ; member of Pharmacy Council of India, Ayurvedic & Yunani Advisory Board & other Univ. bodies ; *Knows* : English, German, French, Hindi, Urdu & Bengali ; *Visited* : USA & UK during 1948 ; *Add* : Dept. of Pharmaceutics, BHU, Varanasi-5.

PRASAD, (Dr.) Shree Krishna—Head of the Section of Nematology, I.A.R.I. since November 1962: *b* 1 December 1923 at Bir in Dist. Patna ; *Edn* : Assoc. IARI (Entomology) in 1952 from I.A.R.I., New Delhi & Ph.D. in 1956 from Univ. of Minnisota, USA ; *Resch Exp.* : For over 20 years in the field of entomology and nematology ; *Pub* : More than 70 publications ; *Exp* : For over 10 years at I.A.R.I., New Delhi ; *Mem* : Entomological Society of India (Chief Editor and Branch Secretary for many years); Society of European Nematologists, Board of Studies in Bihar Univ. ; *Knows* : Hindi, English, Sanskrit, German & French ; *Visited* : UK, USA, Japan, Ireland, France, Belgium, Netherland, W. Germany & Italy ; *Add :* Nematology Section, I.A.R.I., Hillside Road, New Delhi-12.

PRASAD, (Dr) Surajdeo—Scientist, Regional Research Laboratory, Jammu since November 1963 ; *b* 1 January 1913 at Patna : *Edn* : M.Sc. (Chem.) in 1939 from Science College, Patna ; Ph.D. (Chem Techy) in 1949 & D.I.C. (Chem. Engg.) in 1949 from Imperial College of Science & Techy., London ; *Resch Exp* : In the field of Heat transfer, Pyrethnum etc. ; *Pub* : Several articles on Heat Transfer, Air Elutriation, Liquid Oxygen, Liquid Nitrogen etc. ; *Exp* : T.N.J. College, Bhagalpur 1940-41; B.N. College, Patna 1941-45 ; Special Officer, Govt. of India 1956-63 ; *Mem* : Institute of Chemical Engineers (London) ; *Gen* : Sent to UK in 1945 for higher studies by the Govt. of Bihar ; *Knows* : Hindi, Bengali, French & English ; *Visited* : UK, France, Switzerland, Holland & Belgium ; *Add* : Regional Research Laboratory, Jammu Tawi.

PRASAD, (Dr) Thakur, Guru—Reader & Head, Dept. of English, Shivaji Univ. since May 1966 ; *b* 11 September 1935 at Deoria in U.P. ; *Edn* : M.A. (English) in 1956 from Allahabad Univ., Ph.D. in 1965 from Univ. of Denver, USA; Ph.D. (English) in 1965 from Univ. of Gorakhpur; *Resch Exp* : In the field of studying Comtism in the novels of George Eliot ; guiding students in modern British and American literature ; *Pub* : Books on Comtism in the novels of George Eliot, The Mask of Liberty ; papers—The Orient in Whitman's Passage to India, 20th Century Poetic Drama, Life & Literary Influence of Auguste Comte etc. ; *Honours* : Merit Scholarship from Univ. of Allahabad ; Smith-Mundt Scholarship of U.S. Govt., granted Fulbright Grant ; *Exp* : Agrawal Degree College, Allahabad 1956-57 ; Asstt. Prof. in Univ. of Allahabad 1957 ; Univ. of Gorakhpur 1957-66 ; *Mem* : Indian Association of English Studies ; *Knows* : Hindi, English, French, Urdu, Sanskrit & Latin ; *Visited* : USA during 1963-65 at different universities for higher studies ; *Hobb* : Tape-recording and stamp collection ; *Add* : Vill. Sisai, P.O. Baidaoli, Dist. Deoria.

PRASAD, (Dr) Umesh—Reader in Economics, BHU since 1960 ; *b* 4 December 1921 at Varanasi ; *Edn* : M.A. (Econ) in 1944 & Ph.D. in 1956 from BHU ; *Pub* : Bharat ka Arthik Itihas ; *Exp* : Research Scholar, Dept. of Econ. & Stat., U.P. Govt. 1944-46 ; Tutor 1946, Asstt. Prof. 1947-60 and Reader since 1960 at BHU ; *Mem* : All India Economic Association (in its Executive 1967) ; holding the rank of Lt. Major in N.C.C. ; *Knows* : English & Hindi ; *Visited* : Nepal in 1966 ; *Hobb* : Swimming ; *Add* : Dept. of Economics, BHU, Varanasi.

PRASAD, Viswa Nath—Director, I.I.T., Kharagpur since February 1967 ; *b* 23 December 1908 at Vanarasi ; *Edn* : P.G. Dip. in Architecture in 1935 from College of Architecture, Edinburgh ; *Resch Exp* : For past nearly three decades in Town and Regional Planning in UK and India ; *Pub* : Several reports and papers ; *Exp* : Technical Officer, Town Planning Asstt., Ministry of Town & Country Planning, London ; Planning Asst., Clyde Valley Regional Planning Cttee, Glasgow ; Chief Architect & Town Planner, Govt. of Bihar ; Prof., Dy. Director & later Director of I.I.T., Kharagpur ; *Mem* : Royal Institute of British Architects, Past President of Institute of Town Planners (India), Fellow of Institute of Town Planners (India), Founder President of Regional Science Association (India), Chairman of All India Board of Technical Education in Architecture, member of U.N. National Physical Planning Mission to Ghana in 1962, Chief of U.N. Regional Planning Mission to Sudan ; *Knows* : English & Hindi ; *Visited* : UK, USA, Japan, W. Germany for attending conferences etc. ; *Hobb* : Painting ; *Add.* : I.I.T., Kharagpur.

PRASANNAN, (Dr) R.—Reader, Dept. of Law, Kerala Univ. ; *b* 20 September 1929 at Attungal in Kerala ; *Edn* : B.L. in 1954, M.L. in 1956 from Kerala Univ.; LL.M. in 1961 & J.S.D. in 1963 form Yale Univ., USA; *Pub* : Ph.D. thesis on Right to Counsel in the Criminal Process in India and the USA ; Non-Doctrinal Approach in Research in Criminal Justice Administration ; Sentence-Determination, The Diminishing Role of the Judge and other papers ; *Exp* : Law College, Trivandrum ; Practised at Kerala High Court ; *Mem* : Board of Studies, Faculty of Law of Kerala Univ.; Jt. Secy. & member of all India Law Teachers' Association, Vice President of All India Crime Prevention Society, Lucknow ; *Knows* : English, Malayalam & Tamil ; *Visited* : USA ; *Hobb* : Gardening ; *Add* : Law Dept., Kerala Univ., Ernakulam.

PREM PRAKASH, (Dr)—Assoct. Prof. of Histology, U.P. Agrl. Univ. since October 1966 ; *b* 15 July 1933 at Meerut ; *Edn* : M.V.Sc. (Bacteriology) in 1960 from P.G. College of Animal Sciences, Izatnagar ; M.S. in 1964 and Ph.D. (Anatomy) in 1966 from College of Vety. Medicine, Univ. of Illinois, USA ; *Resch Exp* : For past 10 years; *Pub* : Papers on Antibody response in cattle following inoculation of Pasteurella septica, serum alkaline phosphatase activity of cattle, immunochemical characteristics of a polysaccharide, tissue localisation, Estrous cycle, Vagus nerve in buffalo etc.; *Exp* : Veterinary College, Mathura for 1¼ years ; I.V.R.I., Mukteshwar for 2 years ; joined U.P. Agrl. Univ. about 9 years back and held different positions ; *Mem* : Phi Zeta, Endocrine Society (USA) ; *Knows* : Hindi, English, Urdu, German & French ; *Visited* : USA 1963-66 ; *Add* : Dept. of Histology, College of Vety. Med., U.P. Agrl. Univ., Pantnagar, U.P.

PREM SINGH—Principal, Hindu College, Amritsar since December 1963 ; *b* 25 September 1909 at Hoshiarpur in Panjab ; *Edn* : M.A. (English) in 1941 from Panjab Univ. & M.Ed. in 1950 from Delhi Univ.; *Exp*: Teacher in Schools for 10 years ; since 1953 working as Principal in different Colleges ; *Knows* : English, Urdu, Hindi & Panjabi; *Add* : 275, Sector 15-A, Chandigarh.

PRITAM SINGH, (Dr)—Head, Dept. of Anaesthesiology, Medical College, Amritsar since October 1957 ; *b* 20 June 1920 at Tanda in Dist. Gujarat (W. Pak.) ; *Edn* : M.S. (Anaest) in 1955 from Medical College, Amritsar ; *Pub* : About 50 research papers on subjects like Oxygen theraphy, Anaesthesia in Lung Surgery, Sore Throat, Blood Volume in chronic surgical patients etc.; *Exp* : For past 20 years at Medical College, Amritsar ; *Mem*: Indian Society of Anaesthetists, Association for Advancement of Medical Education, Indian Medical Association, Academy of Medical Sciences ; editor of Indian Journal of Anaesthesiology ; *Knows* : English, Urdu, Hindi & Punjabi ; *Visited* : USA during 1956 to visit Medical Colleges; *Hobb* : Shikar ; *Add* : Dept. of Anaesth., Medical College, Amritsar.

PUNEKAR, (Dr) Sadananda Dattatraya—Head, Dept. of Research, Tata Institute of Social Sciences, Bombay since 1956 ; *b* 15 January 1916 at Malvan in Maharashtra ; *Edn* : M.A. (Econ) in 1942 & Ph.D. in 1949 from School of Economics & Sociology, Bombay ; *Resch Exp* : For over 30 years ; *Pub* : Trade Unionism in India, Social Insurance for Industrial Workers in India, Industrial Peace in India, The Housing Problem, The Drink Problem, A Study of Prostitutes in Bombay besides over 150 articles published ; *Exp* : Univ. of Bombay 1938-44 ; Ministry of Labour, Govt. of India 1944-56 ; *Mem* : Founder Secy. & now Vice-President of Indian Society of Labour Economics ; Assoc. Member of International Industrial Relations Association (Geneva) etc.; *Knows* : English, Marathi & Hindi ; *Visited* : Switzerland, UK, USA & Japan to attend conferences on labour relations ; *Add* : Dept of Research, Tata Institute of Social Sciences, Chembur, Bombay-71.

PURANIK, (Dr) Gurubasav Sangayya—Dept. of Organic Chemistry, Karnatak Univ. since October 1967 ; *b* 3 January 1931 at Nidagundi in Dist. Bijapur ; *Edn* : M.Sc. (Org Chem) in 1955 & Ph.D. in 1965 from Karnatak Univ. ; *Resch Exp* : For over 8 years ; *Pub* : Several articles on Furano Compounds, Selective alkylation, Heterocyclic syntheses ; *Exp* : Shankar College, Yadagiri for 3 years ; Univ. Science College, Dharwar for 2 years ; Research Fellow in Applied Chemistry at Univ. of Salford, UK for 2 years ; *Mem* : Indian Chemical Society, Chemical Society (London), Royal Institute of Chemistry (London) ; *Knows* : Kannada & English ; *Visited* : UK 1965-67 ; *Add* : C/o S.V. Puranik, Extension, Bagalkot, Mysore State.

PURANIK, (Dr) P. G.—Principal, Nizam College, Hyderabad since June 1964 ; *b* 7 June 1917 at Gulbarga ; *Edn* : M.Sc. (Physics) in 1940 & Ph.D. in 1954 from Osmania Univ.; *Resch Exp* : Guiding many research students and several already obtained their Ph.D.; *Pub* : Over 40 papers ; *Exp* : For last 18 years at Osmania Univ.; *Mem* : Academic Council & Senate of Osmania Univ.; other educational bodies of A. P. ; *Knows* : Kannada, Marathi, Urdu, Hindi, English & German ; *Visited* : USA for research; *Add* : Nizam College, Hyderabad.

PURI, (Dr) Amar Nath—Director, Field Research Station, Bombay since 1954 ; *b* 31 December 1896 at Kasur in Dist. Lahore ; *Edn* : M.Sc. with first class first from Punjab Univ., Ph.D. & D.Sc. from London Univ. ; *Exp* : Soil Physicist to Govt. of Punjab 1925-26 ; Physical Chemist to Govt. of India at the Imperial Agrl. Research Institute, New Delhi 1926-29 ; I.C.A.R. 1929-30 ; Head of Chem. Dept., Irrigation Research Institute, Lahore 1930-41 (also in-charge of Govt. of India Road Research Schemes) ; Director, Univ. Institute of Chemistry, Lahore and Industrial Chemist to Govt. of Punjab 1941-46 ; *Pub* : Soils : their Physics & Chemistry, Highlights of Soil Science, Soil Science ; author of over 130 papers in Soil Science and several reports ; *Knows* : English, Urdu & Punjabee ; *Visited* : UK (1920-24 & 1954), USA (1948-50) for research and study tour ; *Genl* : Founder Director of Field Research Station, Bombay ; *Add* : Field Research Station, Amar Hill, Saki Vihar Road, Bombay-72.

PURI, M. R.—Head, Dept. of Mathematics, J&K Univ., Jammu since 1958 ; *b* 1 October 1921 at Jammu ; *Edn* : M.A. (Math) in 1942 from F.C. College, Lahore ; M.Sc. (Math) in 1957 & Dip. in Statistics in 1957 from Imperial College of Science & Techy , London ; *Pub* : Text Books of Algebra, Calculus, Co-ordinate Geometry ; papers on Probability, On the Characteristic Equation of a Matrix; *Exp* : P.W. College, Jammu ; G.G.M. Science College, Jammu ; *Mem* : Royal Statistical Society (London), Indian Mathematical Society, Indian Science Congress ; Amar Singh Club (J & K) ; Senate, Board of Studies, Faculty of Science & Academic Board of J&K Univ.; *Knows* : Hindi, Urdu, English & Russian ; *Visited* : UK, France, Belgium, W. Germany & Switzerland ; *Add* : Dept. or Maths., J&K Univ., Jammu.

PURI, (Dr) V.—Principal, Meerut College, Meerut since July 1965 ; *b* 10 December 1909 at Nagina in Dist. Bijnor ; *Edn* : M Sc. (Bot) in 1934 & D.Sc. (Plant Morphology) in 1940 from Agra Univ.; *Resch Exp* : For nearly 35 years ; *Pub* : About 55 papers in Indian and foreign journ ls ; *Honours* : Awarded Birbal Sahni Medal 1964 ; *Exp* : For nearly 35 years to U G. & P.G. classes and guiding research work ; *Mem* : Fellow of National Institute of Sciences, Indian Academy of Sciences, National Academy of Sciences, International Society of Plant Morphologists, Indian Science Congress, American Botanical Society, Indian Botanical Society (its President in 1966-67) ; *Knows* : English, Urdu, Hindi & German ; *Visited* : USA, Nepal, Canada, UK, USSR on several occasions ; *Add* : Meerut College, Meerut.

PURI, (Dr) (Mrs) Vimla—Principal, Raghunath Girls College, Meerut since July 1966 ; *b* 6 February 1922 at Ludhiana ; *Edn* : M.A. (Pol Sc) in 1942 from Meerut College, Meerut ; *Resch Exp* : Working for Ph.D. on Fundamental Rights in Countries of the Commonwealth of Nations ; *Exp* : Teaching Graduate classes for past 19 years and M.A. classes for 8 years ; *Mem* : Indian Council of World Affairs (and Vice President of Meerut Branch), International Commission of Jurists; *Genl* : Actively participated in national movement during 1942-47 and worked in the Women's wing of the I.N. Congress ; interested in social service ; *Knows* : Hindi, English, Urdu & Punjabi ; *Visited* : UK, USA & Canada for study ; *Add* : Tilak Road, Meerut.

PUROHIT, (Dr) B. R.—Asstt. Prof., Pol. Sc., Saugar Univ. since February 1958 ; *b* 1 November 1914 at Jodhpur ; *Edn* : M.A. in 1953 with second class first from M.B. College, Udaipur & Ph.D. (Influence of Hindu Revivalism on Indian Nationalism) in 1964 ; *Pub* : Book on Ph.D. thesis besides papers on Bhartiya Jana Sangh in M.P. politics, A background paper on M.P. politics, Fourth General Elections in M.P. etc.; *Exp* : Govt. College, Kota; Nagpur Univ ; *Genl* : Dy. Director of a project on election studies in M.P. ; *Knows* : English & Hindi ; *Add* : Dept. of Pol. Sc., Saugar Univ., Sagar, M.P.

PUROHIT, (Dr) Raja Mohan—Asstt. Prof., Chemistry Dept., Saugar Univ., Sagar since September 1963 ; *b* August 1931 at Hoshangabad ; *Edn* : M.Sc. (Org Chem) in 1953 & Ph.D. (Chemistry of Plant Products) in 1960 from Univ. of Saugar ; *Pub* : About 20 papers ; *Exp* : S.B.R.College, Bilaspur 1954-63 ; *Mem* : Indian Science Congress ; *Knows* : Hindi, English & Marathi ; *Add* : Dept. of Chemistry, Saugar Univ., Sagar.

PURUSHOTHAM, (Dr) Ashtakala—Director, Biological Research & Officer-in-Charge, Wood Preservation Branch, Forest Research Institute, Dehra Dun since July 1964 ; *b* 26 May 1912 at Kolar in Mysore State ; *Edn* : M.Sc. (Chem) in 1937 & D.Sc. in 1941 from BHU ; *Honours* : Awarded Sri Chitra Prize in 1954 ; *Exp* : For past 25 years teaching at F.R.I., Dehra Dun ; *Mem :* Institute of Physics (London), British Wood Preservers' Association, American Railway Engg. Association, American Wood Preserving Association, Timber Development Association of India (its Secretary) ; *Visited :* Europe, Scandinavian countries, UK, USA etc. for research and training ; *Knows :* English, Telugu, Kanarese, Hindi, German & Tamil ; *Add* : 2, New Forest, P.O. New Forest, Dehra Dun.

PURUSHOTHAM, (Dr) G.—Asstt. Prof. of Mathematics, Nagarjunasagar Engineering College, Hyderabad-28 since February 1967 ; *b* 19 December 1935 at Easamia Bazar, Hyderabad ; *Edn :* M.A. in 1960 with first class first from Osmania Univ. & Ph.D. (Fluid Dynamics) in 1965 from Science College, Osmania Univ.; *Pub* : Over 70 papers in Indian and foreign journals ; *Exp* : P.G. teaching at Osmania Univ. 1963-67; *Mem:* National Academy of Sciences of India, Calcutta Mathematical Society ; *Genl* : Investigating kinetic aspects of fluid-dynamics problems; *Knows :* English, Telugu, Hindi & Urdu ; *Add* : Dept. of Maths., Nagarjuna Sagar Engg. College, Hyderabad-28.

PURUSHOTTAM, Jatavallabha—President, Andhra Pradesh Viswa Hindu Parishat, Kakinada ; *b* 2 August 1906 at Nadavapalli in Dist. East Godavari ; *Edn :* M.A. (Sanskrit & Telugu) in 1934 from Univ. of Madras ; *Resch Exp* : For 4 years in Vedas and other Dharma Shastras ; *Pub* : Books on Vedic Women, Women in the Smritis, Hinduism, Bharatiya Vijnan, Bharateeya Vaibhava, Bhagavadgita Pravesa, Radio Upanayasa, Adhyatmika Vyasamulu, Mahakavi Sandesa, Dharma Manjari, Chitra Sataka, Jagadguru Prasasti etc. ; *Exp :* Head of the Dept. of Sanskrit in Colleges at Vijayawada and Kakinada ; Principal of S.V.J.V. Sanskrit College, Kovvur for 20 years ; *Mem* : Andhra Pradesh Sahitya Akademi, Vice-President of A.P. Vidya Parishat, Classical Languages Development Cttee of A.P. Govt.; *Genl :* Detained in prison as a Congress worker in 1943 ; *Knows :* Telugu, English, Hindi & Sanskrit ; *Add:* Marla Lane, Kakinada, A.P.

PURWAR, (Dr) (Km.) Vijaya Lakshmi—Dept. of Pol. Sc., Allahabad Univ., since August 1963 ; *b* 28 December 1932 at Allahabad ; *Edn* : M.A. in 1953 & D. Phil. in 1957 from Allahabad Univ. ; Dip. in French in 1960 ; *Resch Exp:* D. Phil. thesis on Panchayats in Uttar Pradesh ; working for D. Litt. ; *Pub :* A book of Ph.D. thesis besides many research papers ; *Honours* : Univ. Scholarship, Govt. of India Scholarship and U.G.C. Fellowship awardee ; *Exp:* Started with Allahabad Univ. ; *Mem* : International Club ; *Knows* : Hindi, English, Sanskrit, French & Gujarati ; *Add :* 2A Lyall Road, Allahabad.

PUSALKAR, Moreshwar Narhar—Principal, K. L. Science, Arts & Commerce College, Bagbhara since 1966 ; *b* 27 January 1929 at Kurla in Bombay ; *Edn* : M.Com. in 1952 from BHU ; *Pub* : Books on Saral Bahi Khata, Business Method, Elementary Commercial Arithmatic ; *Exp* : R.S.K. Inter College, Dubhar for 3 years ; Durga Mahavidyalaya, Raipur for 12 years ; *Mem* : Academic Council, Board of Studies & Faculty of Commerce of R.S. Univ. ; President, Maharastrya Mandal, Raipur (1965-66) ; President, Akhil Bhartiya Tabla & Mrudung Sangh (1964-65), President, Sarvodaya Housing Co-op. Soc. Ltd. since 1962 ; *Knows* : English, Hindi & Marathi ; *Hobb* : Dramatics ; *Add :* K. L. Science, Arts & Commerce College, Bagbhara (Raipur).

PUSHKAR NATH, (Dr.)—Director, Central Potato Research Institute, Simla since 1956; *b* at Srinagar; *Edn*: M. Sc. (Bot) in 1932 from Panjab Univ., Assoc. I.A.R.I. in 1934 from I.A.R.I., New Delhi & Ph.D. (Plant Breeding, Genetics & Plant Pathology) in 1941 from Punjab Univ.; *Resch Exp*: For more than 25 years; *Pub*: Potato in India, Potato Cultivation in the Plains of India, Seed Plant Technique, Potato Varieties, Bhartiya Krishi mein Alu, Bihar mein Alu ki Kheti, Potato Cultivation in Ceylon; more than 100 popular articles on potato; *Exp*: Officer-in-Charge, Potato & Wheat Breeding, IARI Simla 1935-51; Director. Central Potato Research Institute, Simla 1951-53 and from 1956; Director of Agriculture, Himachal Pradesh, Simla 1953-56; *Mem*: Indian Society for Plant Breeding & Genetics, I.C.A.R. (New Delhi) & Chairman of Simla Society for the Advancement of Agrl. Sciences; *Knows*: Kashmiri, Hindi, English & Punjabi; *Visited*: UK, Ceylon, Netherlands, USA, Central & S. American countries, Hawaii Islands, Japan & Nepal to attend conferences or on study tour; *Hobb*: Painting; *Honours*: Awarded Rafi Ahmed Kidwai Prize for 1965 at a ceremony presided over by the Prime Minister of India Mrs. Indira Gandhi; *Add*: Central Potato Research Institute, Simla.

PUSHKAR SINGH—Senior Geologist, Geological Survey of India, Calcutta-16 since April 1966; *b* 31 July 1928 at Batang in Dist. Durg; *Edn.*: B.Sc. (Geol) in 1952 with second class first & M. Sc. (Geol) in 1953 with second class first from Lucknow Univ.; *Resch Exp.*: In the field of Chemical, petrological and palaeontological laboratories of Govt. of India; *Pub*: Numerous popular articles; *Exp*: Geological Asstt. 1955-56, Asstt. Geologist 1956-60, Geologist 1960-66 and Sr. Geologist since 1966; *Mem*: Geological, Mining & Metallurgical Society of India, Palaeontological Society of India, Indian Society of Engg. Geology, Geological Society of India; *Knows*: English, German, Hindi, Nepali, Dukpa & Bengali; *Genl*: Compiled the geological map of Asia and Far East, explored Sikkim, Bhutan and Nepal for certain minerals; *Visited*: Nepal; *Add.*: Vill. Batang, Dist. Durg, M.P.

PYLEE, (Dr.) Moolamattom Varkey—Prof. of Management & Director, School of Management Studies, Univ. of Kerala since October 1964; *b* 5 October 1922 at Kothamangalam in Dist. Ernakulam; *Edn*: M.A. (Pol Sc) in 1948 from Lucknow Univ., LL.B. from Patna Univ., LL.M. in 1954 from Harvard Univ. & D. Litt. (Federal Court of India) in 1955 from Patna Univ.; *Resch Exp*: For 20 years; *Pub*: Constitutional Govt. of India, India's Constitution, Joint International Business Ventures, Industrial Policy, Constitutional History of India besides over 60 research papers; *Honours*: Best debator in the Univ. of Kerala, awarded Sachivothama Shashtiabdipurti Memorial Gold Medal; several other prizes in extra-curricular activities; *Exp*: Univ. of Lucknow, Univ. of Patna, Univ. of Delhi, Administrative Staff College of India, Univ. of Pennsylvania; *Mem*: Indian Institute of Public Administration, Indian Law Institute, Indian Pol. Sc. Association, Kerala State Productivity Council, State Planning Advisory Board and several Univ. bodies; *Knows*: Malyalam, English, Hindi & French; *Visited*: USA, UK, France, Germany, Italy; several countries of W. Asia and S.E. Asia; *Hobb*: Hiking, fishing and reelance journalism; *Add*: School of Management Studies, Univ. of Kerala, Ernakulam, Via Cochin.

q

QADRI, Abulfazal Syed Mahmood—Dept. of Urdu, Arts & Science College, Secunderabad ; *b* 12 February 1929 at Hyderabad ; *Edn* : M A. (Urdu) in 1953 from Osmania Univ. ; *Resch Exp* : For over 5 years ; *Pub* : Faiz ka Shaur, Krishen Chander ki Afsana Nagari, Premchand: ek Jayeza. Auraqe-Parina, Umrao Jan Ada etc. . *Exp* : Teaching experience of over 15 years at Osmania Univ. ; *Knows :* English, Urdu, Persian, Marathi. Telugu & Arabic ; *Add* : Dept. of Urdu, Arts & Science College, Secunderabad.

QAYYUM, (Dr) M.A.—Head, Dept. of Zoology, Saifia College, Bhopal since August 1962 ; *b* 4 April 1940 at Aligarh ; *Edn* : M. Sc. (Zoology) in 1961 from AMU & Ph. D. (Conducting system of mammals) in 1967 from Vikram Univ. ; *Resch Exp* : For 6 years : *Pub* : A few articles and research papers ; *Exp* : M I.I. College, Aligarh 1961-62 ; *Mem* : Social Service Cttee (Office Secy) at AMU. Zoological Society of India ; *Knows* ; English, Hindi & Urdu : *Visited* : Nepal for research work ; *Add* : 2, Habib Ganj Compound, Rasal Ganj, Aligarh, U.P.

QURESHI, I. M.—Director of Forestry Research & Central Silviculturist Forest Research Institute, Dehradun since 1963; *b* 22 August 1924 at Indore ; *Edn* : M. Sc. (Plant Pathology) in 1945 & A.I.F.C. in 1947 ; *Resch Exp* : In Silviculture. forest management, mensuration, species trials of exotics and forest ecology ; *Exp* : Asstt. Conservator of Forests 1947-49 ; Silviculturist, Bombay State 1949-59 ; Divisional Forest Officer, Kolaba 1959-63 ; *Mem* : International Seed Testing Association, FAO, International Society of Tropical Foresters (USA), International Hydrological Decade, Indian Grassland & Fodder Cttee, Secy. & Organiser of All India Silvicultural Conference May 1967 ; Hony. Editor of Indian Forester (1963-) ; Vice-President, Society of Indian Foresters ; *Add*: Forest Research Institute & Colleges, P.O. New Forest, Dehra Dun.

QURESHI, (Dr) Qadir Husain—Reader in Zoology & Principal, Arts & Science College, Warangal ; *b* 5 April 1918 at Hyderabad ; *Edn* : M Sc. (Zoo. in 1943 from Osmania Univ., Ph. D. & D.I.C. in 1948 from London Univ. ; *Resch Exp*: For over 25 years ; *Exp* : At Osmania Univ., City College. Nizam College; Science College (Saifabad), Evening College (Secunderabad) ; *Mem* : Faculty, Academic Council & Senate of Univ. ; *Knows* : Urdu, Hindi & English ; *Visited* : UK 1946-48 ; *Hobb* : Bridge and cooking ; *Add* : Arts & Science College, Warangal, A.P.

RADHAKRISHNA, (Dr) L.—Dept. of Maths., BHU since July 1963; *b* 1 August 1936 at Bangalore ; *Edn :* M.A. (Maths) in 1958 & Ph. D. in 1965 from BHU ; *Resch Exp* : In Cylindrically symmetric electromagnetic fields and radiation in Relativity ; *Pub :* Many papers; *Exp :* Started with BHU ; *Knows :* Hindi, Telugu & German ; Add : c/o Sri Baba Farid Mastan Avulia, Baba Nagar, Masulipatnam, A.P.

RADHAKRISHNAN, (Dr) T.—Head of Physics Division, ATIRA, Ahmedabad since 1959 ; *b* 14 April 1925 at Cochin in Kerala State ; *Edn :* M. Sc. (Physics) in 1947 & Ph. D. in 1951 from Indian Institute of Science, Bangalore ; *Resch Exp :* For over 20 years in crystal optics and fibre physics ; *Pub* : Over 80 research papers on subjects like optical qualities of Quartz, Mica etc ; weavability, yarns, man-made fibres and other textile problems ; *Exp :* At ATIRA, Ahmedabad ; *Mem :* Indian Academy of Sciences : *Visited* : USA ; *Add* : Physics Division, ATIRA, Ahmedabad-9.

RADKE, W. Y. –Principal, S.R.C.S. Law & Commerce College, Durg since 1962 ; *b* 11 October 1898 at Durg ; *Edn :* B.A. in 1920 from Hislop College, Nagpur & LL. B in 1923 from Univ. of Allahabad ; *Exp* : Started career as a Judicial Officer in 1927 and retired as District & Sessions Judge of C.P. in 1953 ; also worked as Addl. Judicial Commissioner of Bhopal during 1952-53, Industrial Tribunal at Bhopal and as Law Lecturer ; *Mem* : Court, Academic Council, Faculty of Law & Board of Studies, Examination & Moderation Cttees of R.S. Univ. ; *Hobb :* Astrology & gardening ; *Add :* S.R.C.S. Law & Commerce College, Durg, M.P.

RAGHAVAN, (Dr) Venkatarama—Prof. of Sanskrit, Univ. of Madras since 1955 ; *b* 22 August 1908 at Tiruvarur in Dist. Tanjore ; *Edn :* M.A. (Sanskrit) with first class first and winning several medals in 1930 & Ph. D. from Madras Univ. ; *Resch Exp* : Of nearly 40 years in Sanskrit literature, manuscripts, Indian Philosophy and arts ; *Pub :* Author of over 40 books and more than 350 papers ; *Exp :* Joined Madras Univ. in 1937 and held different positions ; *Mem* : President of Natya Sangh (Madras) & Sanskrit Ranga (Madras) ; Member of Asiatic Society (WB), All India Oriental Conference (its President in 1962 and Genl. Secy. for many years), Indian PEN, Linguistic Society of India, Central Sanskrit Board of the Ministry of Education, Central Sanskrit Institute of Tirupati (its President for 1963-66), Sahitya Akademi (New Delhi), Sangeet Natak Akademi, All India Kashiraja Trust ; *Genl* : Awarded Kane Gold Medal by Asiatic Society, Bombay ; member of Sanskrit Commission of Govt. of India ; Awarded Sahitya Akademi Prize in 1966 ; Recipient of Padma Bhushan in 1963 ; delivered Sardar Patel Memorial lectures in 1964 under Ministry of I & B, Govt. of India ; *Knows* : Sanskrit, English, Tamil, Telugu, Kannada, Malayalam & Hindi ; *Visited :* Europe 1953 54, USSR 1957 ; U.S.A., Japan, Philippines and S. E. Asia in 1964 ; visited Nepal twice ; *Hobb :* Music, dance and drama ; *Add :* 7, Srikrishnapuram Street, Royapettah, Madras-14.

RAGHUVEER SINGH — Head, Dept. of Pol. Sc., Gorakhpur Univ. since 1963; *b* 1 January 1929 at Khanpur Raghubar in Dist. Ghazipur; *Edn* : M A. in 1950 with first class first from Allahabad Univ.; *Resch Exp* : In social and political ideas of Pt. Jawaharlal Nehru; guiding many research students ; *Pub* : On John Locke and the Idea of Sovereignty, The Concept of Sovereignty, Hobbes, Rousseau, Platonic Justice, The Individualism of John. Stuart Mill and many more books; several papers published in Political Studies of England, Journal of the History of Ideas (USA), European Journal of Sociology etc.; *Exp* : Lucknow Univ. 1950-63; Gorakhpur Univ 1963-; *Mem* : Indian Political Science Association; *Knows* : Hlndi, Urdu, Sanskrit & Eng lish; *Add* : Munshi Colony, Gorakhpur Univ.' Gorakhpur.

RAGHUWANSHIYA, Takhat Singh — Principal, P.P. College of Education, Gondia since April 1965; *b* 25 November 1924 at Wadegaon in Dist. Nagpur; *Edn* :M.A. (Hindi) in 1955 from Nagpur Univ. & B.T. in 1954 from Saugar Univ.; *Exp* : M. Municipal High School, Gondia for 16 years and as lecturer for 2 year; Basic Training College, Gondia for 3 years as Principal; joined P.P. College of Education in 1963; *Mem* : Academic Council, Board of Studies & Faculty of Education of Nagpur Univ.; Lions Club ; *Knows* : Hindi, English & Marathi; *Hobb* : Drawing and painting; *Add* : Opp. Overbridge, Near Rathor Toll, P. O. Gondia, Dist. Bhandara.

RAHMAN, M. Mujibur—Principal, Rajagopal Polytechnic, Gudiyattam since 1961; *b* 23 January 1928 at Mangalore; *Edn* : B.E. (Civil) in 1950 from College of Engg., Madras; *Exp* : Practical experience in Madras Highways Dept.; taught B.E. Degree classes for 10 years at College of Engg., Madras.25; *Mem* : A.M.I.E.; *Knows* : English. Hindi, Urdu & Tamil; *Add* : Rajagopal Polytechnie, Gudiyattam, North Arcot.

RAHMAN, S. M. Ataur — Director. Institute of P.G. Studies & Research in Arabic & Persian Learning, Patna since June 1964, *b* 12 April 1907 at Vill. Kako in Dist. Gaya; *Edn* : M.A. (Persian) in 1930 with first class first and winning Gold Medal & M.A. (Urdu) in 1931 with first class first & Gold Medal from Patna College, Patna; *Resch Exp* : Research guide to many Ph. D. students ; *Pub* : Safinai Hindi, Safinai-Khushgo, Hairat Zar, Diwan Amin, Maikhana-i-Taghazzul. Saqui Nama, Tabqatush Shoara, Tazkerah Shoara Shad. Reyazul Wefaque, Mutalai-Shad, Tauqidi Motalay, Tahqiqui Motalay, Taqabli Mutalay, Mutalai Hasrat etc.; *Honours* : Granted Certificate of Honour by President of India in 1967; *Exp* : L.S. College, Muzaffarpur; Patna College, Patna; *Mem* : President, Anjuman Traqqui Urdu Library; Vice-President, Majlise-Adab; Member, Mohammadan Education Cttee; Secy., K.B. Oriental Public Library, Patna and many other social bodies: *Knows* : Persian, Urdu, Hindi and English; *Add* : Instt. of P. G. Studies and Research in Arabic and Persian Learning, Patna-6.

RAJ, (Dr) Phulena—Asstt. Prof. of Parasitology, U.P. College of Vety. Science & Animal Husbandry, Mathura since 1956; *b* 30 January 1928 at Deoria in U. P.; *Edn* : M. V. Sc. in 1959 with first position & Ph. D. in 1967 from U. P. Vety. College, Mathura; *Resch Exp* : For past 15 years in helminthology, protozoology and entomology; *Pub* : More than 50 papers; *Exp* : Vety. Asstt. Surgeon 1952-56; *Mem* : Indian Science Congress, National Academy of Sciences of India, Helminthological Society of India; *Knows* : Hindi, Urdu & English; *Visited* : Nepal; *Add* : Dept. of Parasitology, U.P. Vety. College, Mathura.

RAI CHOWDHURI, (Dr) Ahindra Nath—Asstt. Director, Central Research Institute, Kasauli since April 1963; *b* I May 1927 at Barisal in E. Bengal; *Edn*: MB,BS in 1950 from R. G. Kar Medical College, Calcutta & Dip. Bact. in 1961 from Univ. of Toronto, Canada; *Resch Exp*: In the field of public and medical health, pathology, bacteriology, virology, clinical trials on Hyper Immune Antirabic Serum etc.; *Pub*: Ten papers; *Exp*: N. G. M. Medical College, Indore for 2 years; All India Institute of Hygiene & Public Health, Calcutta for 5 years; joined C. R. I., Kasauli about 10 years back; *Mem*: American Association of Science, Kasauli Club; *Knows*: English, Bengali & Hindi; *Visited*: Canada 1960-62; *Hobb*: Carpentership; *Add*: Central Research Institute, Kasauli.

RAINA, (Dr) Arjun Nath—Prof. & Head, Dept. of Geology, G. G. M. Science College, Jammu since July 1961; *b* 21 January 1916 at Srinagar in J & K; *Edn*: M. A. (Geog) in 1939, M. A. (History) in 1941 & Ph. D. (Agrl. Geography) from AMU; *Resch Exp*: For over 15 years in land utilisation in Kashmir Vale, texture and productive potential of soils in Kashmir; *Pub*: An Outline of Economic Geography of USA, A Regional Survey of Three Southern Continents, Geographical Problems of Asia, Geography of J & K State, several contributions to magazines; *Honours*: Awarded for book of Master Zinda Kaul—His Poetical Works: also on Shaiva-Philosopher & Scholar, Kashmiri Poets of Today, started the Dept. of Geography in J & K Univ.; *Exp*: Govt. A. S. College, Srinagar 1944-47; Govt. Sri Pratap College, Srinagar 1942-44; National Defence Academy, Dehra Dun 1948-52; Govt. Gandhi Memorial Science College, Jammu, joined in 1953; *Mem*: Board of Studies, Faculty of J & K Univ.; member of Indian Science Congress, Indian Council of Geographers, Indian Geographical Society; *Knows*: English, Hindi, Sanskrit, Urdu, Kashmiri & Persian; *Hobb*: Hiking, domestic service; *Add*: 8, Rajinder Bazar, Jammu, J & K.

RAINA, Kul Bhushan—Principal, Thapar Polytechnic, Patiala since July 1966; *b* 15 August 1932 at Srinagar, J&K; *Edn*: M. Sc. (Speed Control of Squirrel Cage Induction Motors) in 1965 from Bristol Univ.; *Resch Exp*: For over five years; *Exp*: Teaching experience of 11 years and industrial experience of 4 years; *Mem*: Graduate of the Institution of Electrical Engineers (London); *Knows*: English, Hindi, Urdu & Punjabi; *Visited*: UK, France, Germany & Italy; *Add*: Thapar Polytechnic, Patiala.

RAINA, (Dr) Niranjan Nath—Head, Dept. of Physics, J&K Univ. since July 1964; *b* 13 February 1919 at Srinagar in J&K; *Edn*: M. A. (English) in 1943 from Allahabad Univ.; M. Sc. (Physics) in 1959 and Ph. D. in 1963 from London Univ.; *Resch Exp*: In cosmic ray research; *Pub*: On use of a high pressure cloud chamber in the study of unstable particles in cosmic rays and other subjects; *Exp*: Coaching in private Institutions uptil 1954; worked in Physics Dept. of Univ. College, London 1954-60; Pool Officer of N. P. L., New Delhi 1963-64; *Mem*: Institute of Physics (UK); *Genl*: Helped in founding the first Central Trade Union Organisation in J&K in 1945 and was its Genl. Secy. for 1945-47; underwent 1¼ years' imprisonment during Quit India movement; *Visited*: UK & Switzerland; *Knows*: English, Urdu, Hindi & Kashmiri; *Add*: c/o National & Grindlays Bank Ltd., Residency Road, Srinagar, J&K.

RAIS AHMED, (Dr)—Head, Dept. of Physics, A.M.U. since February 1963; *b* I February 1923 at Gulaothi in Dist. Bulandshahr; *Edn*: M.Sc. (App Phy) in 1943 from Calcutta Univ., M.S.E. in 1948 from Princeton Univ. & D. Phil. (Electronics) in 1954 from Calcutta Univ.; *Resch Exp*: In electronic circuits and techniques including speech and pattern recognition; *Pub*: A book on Fundamentals of Mechanics and large number of papers; *Exp*: All India Radio, American Telephone & Telegraph Co., besides teaching at universities; *Mem*: Vice President of Association of Scientific Workers in India, Institute of Telecommunication Engineers, C.S.I.R.; *Genl*: Nuffield Foundation Fellow (London) 1957-58; *Knows*: English, German, Hindi & Urdu; *Visited*: USA, UK, USSR and other European countries; *Add*: Dept. of Physics, A.M.U., Aligarh.

RAIZADA, Mukat Behari—Principal, D.A.V. (P.G.) College, Dehra Dun since August 1962 ; *b* 2 July 1907 at Aligarh ; *Edn :* M. Sc. (Bot) in 1929 with second position from Agra College, Agra ; *Resch Exp :* For nearly 40 years ; *Pub* : Books on Beautiful Indian Climbers & Shrubs, Trees for Van Mahotsava, Living Indian Gymnosperms, Grasses of the Upper Gangetic Plain ; over 170 papers ; *Honours* ; Appointed as Prof. Emeritus at F.R.I., Dehradun in 1966 ; *Exp :* Chief Research Officer & Head of Botany Dept. of F.R.I., Dehradun ; *Mem :* National Institute of Sciences of India, Indian Botanical Society, C.S.I.R., I.C.A.R. and other bodies of the Meerut Univ. and Govt. of India ; *Knows :* Hindi, Urdu, English, Latin, French & German ; *Visited :* UK, France, Belgium, Holland, Sweden, Denmark, Norway, Germany, Switzerland, Italy, USA, Canada, Malaya, Ceylon, Burma & Pakistan ; *Hobb :* Plant collection ; *Add :* D.A.V. (P.G.) College, 29, E.C. Road, Dehra Dun.

RAJ, (Dr) D. Shankar—Assoct. Prof. of Radiology, Medical College, Bellary since April 1966 ; *b* 16 March 1933 at Mysore ; *Edn :* D.M.R.E. (Radiology) in 1963 & M.D. in 1965 from K.G. Medical College, Luknow ; *Pub :* Study of air shadows in abdomen and their value in diagnosis etc. ; *Exp* : Karnatak Medical College, Hubli ; Medical College, Bangalore ; *Mem :* Indian Radiological Association, Indian Medical Association ; *Knows :* English, Tamil & Hindi ; *Add :* Dept. of Radiology, Medical College, Bellary.

RAJ KUMAR, (Dr)—Prof. & Head, Dept. of English, Panjab Univ. since 1960 ; *b* 11 August 1910 at Jagadhri in Haryana ; *Edn :* M.A. (History) in 1932 & M. A. (English) in 1936 with first class first winning Gulabsingh Ibbetson Award from Govt. College, Lahore : Ph. D. (English) in 1957 from Panjab Univ. ; *Resch Exp :* Guiding several Ph. D. students ; *Pub :* Techniques of the Modern Psychological Novelist, The New Morality. in Modern Fiction, The Modern Novel ; *Exp :* For 24 years under Govt. Colleges in Punjab ; *Mem :* Ex. Cttee of Indian Association for English Studies and its Board of Editors ; *Knows :* English, Hindi, Urdu & Panjabi ; *Add :* Dept. of English, Panjab Univ., Chandigarh-14.

RAJAGOPALAN, (Dr) Kummattithidal Santhanam—Scientist-E, Central Electro-chemical Research Institute, Karaikudi ; *b* 15 October 1923 at Kummattithidal in Dist. Thanjavur ; *Edn* : M. Sc. (Chem) from Delhi Univ. in 1946 & Ph. D. in 1950 ; *Resch Exp :* In the field of colloid chemistry, electrochemistry and crystal chemistry ; first to obtain Ph. D. in physical chemistry in the Univ. ; experience in corrosion of aircraft engine sleeves, derusting, cathodic protection, corrosion of oil and water pipelines, anodic phosphating ; *Exp :* Kesar Sugar Works Ltd, Goregaon 1946 ; National Physical Lab., New Delhi 1949-51 ; C.E.C.R.I., Karaikudi 1951-52 and since 1956 ; *Honours* : Rs. 1000/- cash award from Invention Promotion Board for the patent on 'Anti-corrosion Packaging' paper ; Hyderabad Industrial Exhibition gave 3 Prizes for the patents on Rust & Scale Removing Jelly etc. ; *Mem* : Several cttees of C.S.I.R. ; *Visited* : UK 1961-63 ; *Add* : C.E.C.R.I., Karaikudi.

RAJAGURU, Basavaraja Mahanta Swami—Sangeet Vidyalaya, Dharwar since 1950; *b* 24 August 1920 at Kundagol in Dist. Dharwar; *Edn:* Sangeet Pandit & Pravina in vocal, Hindustani & Karnatak music; also awarded Sangeeta Ratna, Sangeeta Sudhakara, Sangeeta Sarvodaya, Gana Kokila etc.; *Resch Exp:* In the combination of Southern and Northern Indian ragas; *Pub:* Sangeeta Tarangani in 3 Parts; *Honours:* Recipient of 'Pandit' and 'Sangeeta-Maha-Mahopadhyaya'; *Exp:* Started with Sangeeta Vidyalaya, Dharwar; *Mem:* Mysore State Sangeeta Natak Academy; *Knows:* Kannada, Hindi, Marathi & English; *Visited:* Nepal, Pakistan; *Hobb:* Gardening and wrestling; *Add:* Sangeeta Vidyalaya, Rajaguru Nivas, Malammaddi, Dharwar-7.

RAJAN, (Dr) M. S.—Director, Indian School of International Studies, New Delhi since 1962; *b* 4 August 1920 at Badikayalapalli in Dist. Chittur; Edn: M.A. (History) in 1943 & D. Litt. in 1963 from Univ. of Mysore & M. A. (International Relations) in 1952 from Univ. of Columbia, New York; *Resch Exp:* For 15 years; *Pub:* Books on United Nations and Domestic Jurisdiction, India in World Affairs, Post-War Transformation of the Commonwealth; *Exp:* Indian Council of World Affairs, New Delhi 1955-59; joined Indian School of International Studies in 1959; *Knows:* Kannada & English; *Visited:* USA 1950-52 & UK 1961-62; *Add:* R- 714, New Rajinder Nagar, New Delhi-5.

RAJAPPA, (Dr) N. R. — Asstt. Prof., Dept. of Aero. & App. Mechanics, I. I. T., Madras-36 since 1961; *b* 11 March 1927 at Nanguneri in Dist. Tirunelveli; *Edn:* M. Sc. (Maths) in 1950 with first class 4th from Univ. of Madras & Ph.D. (Aeronautics) from Stanford Univ., USA; *Resch Exp:* In fluid dynamics; *Pub:* Over 15 research papers in Indian and foreign journals; *Exp:* Univ. of Rangoon for 3 years; Engg. College, Gulbarga for 3 years; Research Scholar, Govt. of India 1956-58; Stanford Univ. USA 1964-67; *Mem:* American Institute of Aeronautics & Astronautics, New York; Indian Society for Theoretical & Applied Mechanics, Physical Society of Japan; reviewer for foreign magazines in the subjects of fluid dynamics and aerodynamics; *Knows:* English, French, Sanskrit & Tamil; *Visited:* USA; *Add:* Dept. of Aero. & App. Mech., I. I. T., Madras-36.

RAJAPURKAR, (Dr) Manohar Vasudeo—Prof. & Head, Dept. of Pharmacology, Medical College, Nagpur since December 1962; *b* 20 February 1921 at Nagpur; *Edn:* MBBS in 1947 from Calcutta Univ. & M. Sc. in 1957 from Univ. of Pennsylvania, D. Phil. (Med) from Calcutta Univ.; *Resch Exp:* For 15 years; *Pub:* Nearly 50 research journals in Indian and foreign journals; *Exp:* Lecturer in Pharmacology, Medical College, Nagpur 1951-57; Prof., M. P. Shah Medical College, Jamnagar 1957-62; *Mem:* I. C. M. R. (New Delhi), Maharashtra State Medical Council, Association of Physiologists & Pharmacologists of India; Faculty of Medicine in Jabalpur, Marathwada, Nagpur & R. S. Univ.; *Knows:* Hindi, Marathi & English; *Add*: 3, Prof. 's Bungalow, Medical College, Nagpur.

RAJAPUROHIT, (Dr) Bando Bhimaji—Dept. of Linguistics, Univ. of Kerala; *b* 20 May 1935 at Kundgol in Dist. Dharwar; *Edn*: M. A. (Kannada) in 1959 & Ph. D. (Ling) in 1965 from Karnatak Univ.; Dip. in Ling. in 1963 from Deccan College, Poona; *Resch Exp:* In grammar of Vachana literature; *Pub:* Over 25 articles on Kannada language, literature and general linguistics; *Exp:* Poornaprajna College, Udipi for 4 years before joining Kerala Univ.; *Knows:* English, Kannada, Sanskrit, Hindi & Marathi; *Hobb:* Hindusthani classical music and pencil drawing; *Add:* Dept. of Linguistics, Univ. of Kerala, Trivandrum.

RAJAYYAN, (Dr) Kunjukrishnan Nadar—Head, Dept. of History, Presidency College, Madras; *b* 7 April 1929 at Nellikkakuzhi in Dist. Trivandrum ; *Edn* : M.A. (History) in 1953 from Travancore Univ., M. Litt. in 1960 from Madras Univ., A.M. in 1964 from George Washington Univ. & Ph. D. in 1965 from Madras Univ. ; *Pub* : Administration and Society in the Carnatic ; several articles on Revenue & Judicial Administration of the Nawabs of the Carnatic, Village Administration in Tamil Nad, British Diplomacy in Tanjore, Revolt of South India etc. ; *Exp* : Mar I. College, Trivandrum 1954-56 ; Madras Univ. 1956-58 ; Sacred Heart College, Tirupattur 1958-60 ; S.V. Univ. 1961-68 ; *Mem* : Indian Congress of American History ; *Knows* : Tamil, Malayalam & English ; *Visited* : USA 1963-64 ; *Add* : Dept. of History, Presidency College, Madras.

RAJENDRA KUMAR—Reader in Economics, Gujarat Univ. since June 1964 ; *b* 27 November 1927 ; *Edn* : M.A. (Econ) in 1948 from Hindu College, Delhi & M.A. (Econ) in 1958 from Manchester, UK ; *Resch Exp* : In the field of international economics and monetary economics ; *Exp* : A.S. College, Khanna & Arya College, Ludhiana 1949 ; Planning Commission, Govt. of India 1950-59 ; M.S. Univ. of Baroda 1959-64 ; *Add* : B-16, Univ. Staff Qrs., Opp. ATIRA, Ahmedabad-9.

RAJENDRA PRAKASH—Prof. in Mech. Engg., Roorkee Univ. since June 1967 ; *b* 17 June 1930 at Athsaini in Dist. Meerut ; *Edn* : B.E. (Mech) in 1953, topping the list of successfull candidates and winning cash award of Rs. 1,000/—from Univ. of Roorkee & M.S. in 1962 from Michigan State Univ. ; *Resch Exp :* Almost completed research for Ph.D. ; investigator-in-charge of CSIR scheme on Heat Transfer ; *Pub* : Co-author of 'Elementary Mechanical Engineering' & 'Engineering Thermodynamics and Heat Transfer' besides many papers ; *Exp* : Asstt. Engineer with M/s. Voltas Ltd. for 2 years ; for past 14 years at Roorkee Univ. ; *Mem* : American Society of Heating Refrigerating, Air-conditioning Engineers ; Indian Society of Refrigerating Engineers, Lions Club ; *Genl* : Worked as Proctor of Univ., Officer in N.C.C. ; *Knows :* Hindi & English ; *Visited* : USA ; *Add* : Dept. of Mech. Engg., Univ. of Roorkee, Roorkee.

RAJENDRA PRASAD, (Dr)—Prof. of Philosophy, I.I.T., Kanpur since August 1963 ; *b* 19 January 1926 at Shahabad in Bihar ; *Edn* : M.A. in 1948 with first class first from Patna Univ. & Ph. D. in 1957 from Univ. of Michigan ; *Resch Exp :* For nearly 20 years ; *Pub :* Over 25 research papers ; *Exp :* Patna Univ. for 14 years ; *Mem* : Sectional President, Akhil Bharatiya Darshan Parishad 1963 and Indian Philosophical Congress, 1967 ; Member of Mind Association (UK), Indian Philosophical Congress, Indian Philosophical Association, Philosophy of Science Association (USA) ; *Knows :* Hindi, English & French ; *Visited* : USA 1955-57 ; *Add* : Dept. of Phil., I.I.T., Kanpur.

RAJORHIA, Ghanshiam Singh—Asstt. Prof. in Dairy Science, U.P. Agrl. Univ. since March 1962 ; *b* 1 October 1939 at Umrari in Dist. Bulandshahr ; *Edn :* M. Sc. (Ag) in 1959 with first class first from B.R. College, Agra & P.G. Course in Biochemistry in 1968 at U.P. Agrl. Univ. ; *Resch Exp:* For over 8 years ; *Pub:* Papers on Nutritive Value of Andropogon Sorghum as a Cattle Feed, Jowar, Microbial deterioration of Khoa ; over 15 articles ; *Exp* : Janata Agrl. Degree College, Ajitmal, Dist. Etawah for 3 years ; *Mem :* Academic Council, Faculty of Agri. of U.P. Agrl. Univ. ; Secy., Faculty of Agri. ; Member, Indian Dairy Science Association ; *Genl :* Training at National Dairy Research Institute, Karnal in 1964 ; *Knows :* Hindi, English & Sanskrit ; *Hobb :* Kitchen gardening ; *Add :* Umrari, P.O. Dharampur, (Bulandshahr.)

RAJU, (Dr) Turaga Desi—Research Officer, AIIMS, New Delhi-16 since 1965 ; *b* 26 May 1935 at Pittalavemavaram in W. Godavari Dist. ; *Edn* : M. Sc. (Zoology) in 1956 from BHU, Ph. D. in 1964 from Andhra Univ. ; *Resch Exp :* In fish biology and nervous system ; *Pub :* More than 30 papers ; *Honours* : Awarded Shakuntala Amirchand Research Prize of ICMR in 1966 ; *Exp :* Maharajah's College 1956-58 ; joined ICMR in 1958 ; *Mem* : Indian Academy of Medical Sciences ; Association of Physiologists and Pharmacologists of India, The Neurological Society of India, Indian Academy of Medical Sciences, Zoological Society of India ; *Knows :* English, Telugu & Hindi ; *Visited :* USA, Canada, Sweden & W. Germany ; *Hobb* : Horse-riding ; *Add :* Dept. of Physiology, All India Institute of Medical Sciences, New Delhi-16.

RAJULU, (Dr) Pushpala Soundara—Principal, College of Vety. Science, Tirupati since August 1956 ; *b* 27 January 1916 at Madras ; *Edn :* M.S. (Bacteriology) in 1960 from Kansas State Univ. ; *Resch Exp :* In the field of incidence (and pathology) of Pyelorephritis in cows, Phage typing of Pathogenic Staphylococci ; *Pub :* Nearly 10 papers; *Exp :* Dept. of Animal Husbandry, Madras 1940-42 ; Indian Army Vety. Corps 1942-47 ; Asstt. Lecturer, Madras Vety. College 1947-52 ; Dist. Vety. Officer 1952-55 ; Principal, Vety. School, Visakhapatnam 1955-56 ; *Mem :* Phi Kappa Phi, Sigma Xi ; *Knows* ; Telugu, English, Tamil & Hindi ; *Visited :* USA ; *Hobb :* Gardening and travel ; *Add :* College of Vety. Science, Tirupati, A.P.

RAM GOVIND, (Dr)—Scientist, CDRI, Lucknow since August 1966 ; *b* 3 March 1931 at Gurgaon ; *Edn* : M. Sc. (Zoology) in 1952 & Ph. D. in 1965 from AMU ; *Resch Exp :* For 15 years in Insects, Public Health, Insecticides ; *Pub* : About 15 papers ; *Exp :* Started with CDRI, Lucknow ; *Mem* : Entomological Society of India ; *Knows :* German, English & Urdu ; *Add :* 9, Gomti Sadan, River Bank Colony, Lucknow-1.

RAM PARKASH—Principal, National College, Sirsa since April 1957 ; *b* 2 June 1916 at Lahore ; *Edn* : M. Sc. (Tech) (Chem) in 1939 from Forman Christian College, Lahore ; *Resch Exp* : In Sugar and its products and Khewra gypsum ; *Pub* : A few books for higher secondary and on general science ; *Exp* : S.D. College, Lahore 1939-47 ; S.D. College, Ambala Cantt 1947-50 ; Dayal Singh College, Karnal 1952-57; *Mem* : Rotary International, Sirsa Club, Hony. Manager of Seth Ram Datt Charitable Eye Hospital, previous member of Science Faculty & Board of Studies in Punjab Univ. ; *Knows* : English, Hindi, Sanskrit, Panjabi, Urdu & Persian ; *Hobb* : Gardening and social service ; *Add* : 58-A, Model Town, Karnal.

RAM PRAKASH—Head, Dept. of Botany, Ranchi Agrl. College since June 1961 ; *b* 23 July 1923 at Muzaffarnagar ; *Edn* : M. Sc. (Ag) in 1949 with second class first from Govt. Agri. College, Kanpur & M.S. (Plant Breeding & Cytogenetics) in 1959 from Univ. of Missouri, USA ; *Resch Exp* : For last 10 years, guiding Ph.D. students ; *Pub* : About 20 papers on Solanum macranthun, cultivation of Parwal, Cresentia cujete, Cultivation of Bakla ; *Exp*: etc. For 16 years teaching B. Sc. Ag. & for 5 years teaching P.G. classes ; *Mem* : American Society of Agronomy, Indian Agriculturists, Bihar Academy of Agri. Sciences ; *Knows*: English, Hindi & Urdu ; *Visited* : USA for higher education ; *Add* : Ranchi Agrl. College, Kanke, Ranchi.

RAM PRASAD—Scientist, Optics Dn., N.P.L., New Delhi since March 1956 ; *b* 1 January 1931 at Ratanpur in Dist. Garhwal ; *Edn* : M. Sc. (Maths) in 1962 from Agra Univ. ; *Resch Exp* : Working for D. Phil. on some topics in geometrical optics ; also in design and development of optical instruments used in education, defence, engg. and medical institutions ; *Pub* : Over 25 research papers and technical articles ; *Exp* : Instruments Research & Development Establishment, Dehra Dun 1952-61 ; Central Scientific Instruments Organisation, Chandigarh 1961-66 ; *Mem* : Association of Scientific Workers of India, Optical Society of India, Science Writers Association, Indian Science Congress, Delhi Study Circle ; *Genl* : Taking keen interest in establishing indigenous manufacturing industries of optical instruments ; *Knows* : Hindi, English, Sanskrit & German ; *Hobb* : Science writing ; *Add* : Ratanpur, P.O. Kasana, Dist. Garhwal, U.P.

RAM PRATAP, (Dr)—Dept. of Sanskrit, J & K Univ., Jammu since May 1964 ; *b* 26 July 1936 at Dadri in Dist. Bulandshahr ; *Edn* : M.A. (Sanskrit) in 1957 from Meerut College, Meerut & Ph. D. in 1952 from Delhi Univ. ; *Resch Exp* : In a critical study of the elements of Grammar, Rhetoric and Rasa in the Puranas ; *Pub* : Many papers on Puranic subjects ; *Exp* : V.V.R.I. P.G. College, Sadhu Ashram, Hoshiarpur for 1½ years ; *Mem* : Bharatiya Vidya Bhawan (J & K), Hindi Sahitya Mandal, Dogri Research Institute ; *Knows* : Sanskrit, Hindi & English ; *Add* : 234, Krishna Nagar, Jammu, J & K.

RAMACHANDRA RAO, Vissa—Principal, S. V. Medical College, Tirupati since August 1966; *b* 21 March 1917 at Rajahmundry in E. Godavari; *Edn*: M. Sc. (Anatomy) in 1949 from Madras Medical College, Madras; *Resch Exp*: For 20 years in infections of the foot and teratology; *Pub*: About 20 research articles; *Honours*: Award from the Surgeons Association of India ; *Exp* : Guntur Medical College, Guntur; Andhra Medical College, Vishakhapatnam; Rangaraya Medical College, Kakinada; *Mem*: Dean, Faculty of Medicine and Chairman of Board of Studies in Medicine of S. V. Univ.; Member, Indian Academy of Medical Sciences, Indian Medical Council, Academy of Medical Sciences of India, Anatomical Society of India, Indian Medical Association, Rotary International and many others ; *Genl* : Gave several talks on AIR on medical topics ; *Knows* : English, Telugu, Tamil & Hindi ; *Visited* : UK, Holland and Switzerland ; *Add* : c/o Directorate of Medical & Health Services, Andhra Pradesh, Hyderabad.

RAMACHANDRAN, (Dr) G.—Resch. & Training School, I.S.I., Calcutta-35; *b* 29 October 1936 at Vangal in Dist. Trichy; *Edn*: M. Sc. (Physics) in 1957 & Ph. D. in 1963 from Univ. of Madras; *Resch Exp*: For 10 years; *Pub*: Over 15 papers; *Exp*: A.C. College of Technology, Madras Univ. for 3 years; Madras Univ. for 2 years; Institute of Mathematical Sciences, Madras for 3 years; joined I.S.I. four years back; *Mem*: Indian Mathematical Society; *Knows*: Telugu, English, Sanskrit & Tamil; *Add*: Resch. & Training School, I.S.I., Calcutta-35.

RAMACHANDRAN, (Dr) Gopalasamudram Narayana — Director, Centre of Advanced Study in Physics, Univ. of Madras since 1964; *b* 8 October 1922; *Edn:* M. Sc. in 1944 and A. I. I. Sc. in 1945 from Institute of Science, Bangalore; D. Sc. (Thermo Optic Behaviour of Solids) in 1947 from Madras Univ. & Ph. D. (Determination of Elastic Constants by Diffuse Reflection of X-Rays) in 1949 from Cambridge Univ.; *Resch Exp:* Of over 25 years; *Pub:* A huge number of papers, articles, 3 monographs, several books edited; *Honours:* Recipient of S. S. Bhatnagar Prize in 1961; John Arthur Wilson Award 1967; Watumull Award for Biophysics in 1964; *Exp:* Lecturer 1946-49 & Asstt. Prof. 1949-52 at Indian Institute of Science, Bangalore; Prof. & Head of Dept. of Physics, Madras Univ. since 1952; Part-time Prof. of Biophysics at Univ. of Chicago 1967-; *Mem:* Indian Academy of Sciences (Member of Council since 1952; Secy. 1957-58 & Vice-President since 1962); National Institute of Sciences; President of the Physics Section of Indian Science Congress 1963; C. S. I. R. (New Delhi); several other scientific cttees of the Govt. of India; *Genl*: Organised two international Seminars in 1963 & 1967; *Knows:* Tamil, English, Malayalam, German & French; *Visited:* USA, Sweden, W. Germany, UK, Italy, Australia to attend conferences or to deliver lectures; *Hobb:* Carnatic music; *Add:* Centre of Advanced Study in Physics, Univ. of Madras, Madras-25.

RAMACHANDRAN, Payyalur Krishnaier—Prof. of Pathology, I. V. R. I, Izatnagar since June 1963; *b* 29 January 1929 at Mukteswar in Dist. Nainital; *Edn:* M. R. C. V. S. in 1953 from Royal Dick Veterinary College, Edinburgh; *Resch Exp:* For about 15 years; *Pub:* About 30 scientific papers in Indian and foreign journals; *Exp:* Asstt. Prof., Veterinary College, Mathura for 2 years; Asstt. Research Officer, I. V. R. I., Izatnagar for 6 years before becoming Prof. in 1963; *Mem*: British Veterinary Association; *Knows*: English, Malayalam & Tamil; *Visited*: UK during 1953-55 for higher education; *Genl*: For the first time recorded Lympho proliferative serositis in water buffaloes and this condition has been acclaimed world-wide over; *Add*: Dept. of Pathology, I. V. R. I., Izatnagar, U. P.

RAMADWAR, (Dr) Dattatraya Krishnarao—Prof. & Head, Dept. of Preventive & Social Medicine, Medical College, Nagpur since August 1958; *b* 1 July 1914 at Raipur; *Edn*: D. P. H. in 1952 from Edinburgh Univ., D. I H. in 1953 from London Univ., D. T. M. & H in 1953 from UK & M. Sc. (Med) in 1958 from Harvard Univ.; *Resch Exp*: In Human Lactation, Epidemiology of common diseases etc.; *Pub*: About ten articles; *Exp*: Joined Medical College, Nagpur in 1949; *Mem*: Panel of WHO Experts, Society for Advancement of Medical Education, Indian Medical Association, Indian Public Health Association, Inspectors of Indian Medical Council; on Faculty of Medicine in Shivaji & Nagpur Univ.; Member of Marcod; *Genl*: Recipient of Military Cross; *Visited*: UK, Scotland, USA, Canada & Yugoslavia; *Add*: c/o Shri R. Y. Deshmukh, Civil Lines, Raipur.

RAMAKRISHNA RAO, C. V.—Principal, Agarwal Evening Science College, Hyderabad since September 1964; *b* 12 June 1927 at Guntur in Andhra Pradesh; *Edn*: M. A. (English) in 1953, 2nd in Univ. winning MacDonald Gold Medal & Raja N. Nagendra Sayi Gold Medal from Andhra Univ.; *Pub*: Papers on T. S. Eliot and Science & Cultural Values; *Exp*: Hindu College, Guntur; Nanakram Bhagwandas Science College, Hyderabad-2; *Mem*: Board of Studies, Faculty of Arts, Academic Council & Senate of Osmania Univ; *Genl*: Specialisation in Elizabethan literature; *Knows*: Telugu, Hindi & English; *Add*: Agarwal Evening Science College, Hyderabad-2.

RAMAMURTHI, (Dr) Rallapalli—S. V. Univ. since August 1960; *b* 27 July 1936 at Madras; *Edn*: M. A. (Zoology) in 1957, M. Sc. in 1958 with first class first & Ph. D. in 1962 from S. V. Univ; *Resch Exp*: In the field of comparative physiological aspects of osmotic and ionic regulation in invertebrates for the past 10 years; also trained in comparative endocrinology and in use of radio-isotopes in biological investigations; *Pub*: About 15 papers on subjects like osmotic pressure, salinity tolerance, sodium regulation in crustaceans, shore crab, crabs etc.; *Exp*: Univ. of Oregon, USA for 2 years; *Knows*: Telugu, English & Tamil; *Visited*: USA 1966-68; *Add*: Dept. of Zoology, S. V. Univ., Tirupati.

RAMANA RAO, Avasarala Venkata—Head, Dept. of Metallurgical Engg., Regional Engg. College, Warangal since June 1965; *b* 21 September 1928 at Kakinada; *Edn*: M. Sc. (Chem Engg) in 1949 with 2nd position from Andhra Univ., L. I. M. in 1960 from Institution of Metallurgisits, London; M. Sc. (Met Engg) in 1993 from Indian Institute of Science, Bangalore; *Resch Exp*: For 15 years; *Pub*: About 15 technical papers on subjects like Preparation of Copper Powder by the Plindised Technique, Copper Chlorides, High Purity Copper Powder, Carbothermic Reduction, Tin Powder, Tin Oxide, Bronze Plating, Copper-tin alloy deposits etc.; *Exp*: Indian Institute of Science, Bangalore for 7 years; Ferro Alloys Corporation, Garividi for 1½ year; *Mem*: Society for Advancement of Electrochemical Science & Techy., Indian Institute of Metals; *Knows*: Telugu, English & Kannada; *Sports*: Represented Andhra Univ. Colleges, Waltair for 4 years in Hockey & Cricket; Champion of Indian Institute of Science, Bangalore for 4 years in Billiards, Tennis, Table Tennis and Bridge; *Add*: Dept. of Metallurgical Engg., Regional Engg. College, Warangal 4.

RAMANJANEYULU, (Dr) Ponnuru—Asstt. Prof., Dept. of E.N.T., Gandhi Medical Colleg , Hyderabad since September 1967 ; *b* 2 December 1934 at Chilakaluripet in Dist. Guntur ; *Edn* : DLO in ENT in 1962 and M.S. in 1963 from Andhra Medical College, Visakhapatnam ; *Pub* : A few papers ; *Exp* : Guntur Medical College, Guntur 1960-61 ; Andhra Medical College, Visakhapatnam 1961-63 ; on deputation to Army Medical Corps 1963-67 ; *Mem* : Indian National Society for the Deaf ; *Knows* : Telugu and English ; *Add* : Dept. of ENT, Gandhi Medical College, Hyderabad, or Civil Asstt. Surgeon, ESI Hospital, Sanatnagar, Hyderabad.

RAMANNA, (Dr) Revanna—Head, Dept. of Agrl. Economics & Rural Sociology, Univ. of Agrl. Sciences since August 1966 ; *b* 7 September 1929 at Tyamagondlu in Dist. Bangalore ; *Edn* : M.S. (Agrl. Econ) in 1960 from Univ. of Tennessee, USA & Ph.D. in 1966 from I.A.R.I., Delhi ; *Resch Exp* : For past 20 years ; *Pub* : On Co operative Farming in India, Farm Planning as the basis of providing Agrl. Credit with reference to I.A.D.P. Areas ; *Exp* : Agrl. College, Hebbal since 1965 ; *Mem* : Indian Society of Agrl. Economics, Indian Institute of Socio-Economic Studies ; *Knows* : Kannada & English ; *Visited* : USA ; *Add* : Agrl. Econ & Rural Sociology Dept., Univ. of Agrl. Sciences, Hebbal, Bangalore-24.

RAMANUJACHARI, R.—National Prof., Centre for Advanced Study of Philosophy, Madras since February 1967 ; *b* 6 December 1902 at Nidamangalam in Dist. Tanjore ; *Edn* : M.A. (Mental & Moral Science in 1924 with first class first winning Gold Medal from the Presidency College, Madras ; *Resch Exp* : Guided and supervised many research scholars ; *Pub* : Books on Siddhitraya of Yamuna, Nayayakulisa of Atreya Ramanuja, Nitimala, The Children We Teach, Republic of Plato, Kalki, Bhavanopanishad, Saivasiddhanta, Biography of Guru Gobind Singh ; besides numerous articles and research papers ; edited Annamalai Univ. Research Journal for 1942-66 ; *Honours* : Awarded Vedanta Vidyaratna ; *Exp* : For 1929-1966 at Univ. of Annamalai during which also Dean, Faculty of Philosophy ; *Mem* : Indian PEN, Indian Philosophical Congress ; *Knows* : English, Tamil & Sanskrit ; *Visited* : USA, Canada, UK etc. ; *Hobb* : Bridge ; *Add* : Centre for Advanced Study of Philosophy, Univ. of Madras, Madras.

RAMA RAO, Dankanikote—Principal, Govt. Polytechnic for Women, Hubli since 1965 ; *b* 23 December 1929 at Pandavapura in Dist. Mandya ; *Edn* : B.E. (Civil) in 1949 ; *Exp* : Principal, Govt. Polytechnic, Karwar 1958-65 ; *Knows* : Kannada, Hindi & English ; *Genl* : Founded the Govt. Polytechnic at Karwar and also at Hubli ; *Add* : Govt. Polytechnic for Women, Hubli, Mysore State.

RAMA RAO, G.—Principal, Murugappa Chettiar Memorial Polytechnic, Madras since June 1957 ; *b* 27 July 1921 at Bangalore ; *Edn* : B.E. (Mech) in 1944 from Govt. Engg. College, Bangalore & T.T.C. in 1963 from Univ. of London ; *Exp* : Practical experience in workshops and industry for 4 years for 1944-48 ; B.M.S. College of Engg., Bangalore 1948-52 ; Alagappa Chettiar College of Engg. & Techy., Karaikudi 1952-57 ; *Mem* : Institute of Engineers (India), Association of Principals of Technical Institutions ; State Board of Technical Education ; other Univ. bodies ; *Knows* : Kannada, Tamil, Telugu, Sanskrit & English ; *Visited* : UK, Belgium, France & Germany ; *Add* : Murugappa Chettiar Memorial Polytechnic, Avadi, Madras-54.

RAMA RAO, (Dr) Palle—Reader in Metallurgy, BHU since April 1967 ; *b* 30 June 1937 at Kurnool in A.P. ; *Edn* : M.A. (Physics) in 1956 from Presidency College, Madras ; M. Sc. (Physics) in 1957 from Univ. College, Waltair ; Ph. D. in 1964 from BHU ; *Resch Exp* : For nearly 10 years at BHU and Indian Institute of Science, Bangalore ; *Pub* : Over 20 research papers in Indian and foreign journals ; *Honours* : Awardee of Anant Pandya Memorial Medal in 1965 ; *Exp* : Indian Institute of Science 1960-62 ; BHU 1962 66 ; Univ. of Pennsylvannia 1966-67 ; BHU since 1967 ; *Mem* : Indian Institute of Metals ; *Knows* : Kannada, Telugu, Tamil, English & Sanskrit ; *Visited* : USA ; *Add* : Dept. of Metallurgy, BHU, Varanasi-5.

RAMA RAO, T. S.—Prof. of Intl. & Constl. Law, Univ. of Madras since January 1962 ; *b* 28 February 1928 at Tirukampuliyura in Dist. Tiruchi ; *Edn* : M.L. in 1955 from Madras Univ. ; *Pub* : Over 50 papers on Public and Private International Law, Indian Foreign Policy etc. ; *Exp* : Lecturer 1956-60, Reader 1960-62 at Madras Univ. ; *Mem* : International Law Association ; editor of Indian Year Book of International Affairs ; *Visited* : Singapore in 1964 ; *Add* : 17, Parthasarthy Puram, T. Nagar, Madras-17.

RAMA REDDI, (Dr) M. Venkata—Prof. in Ophthalmology, Gandhi Medical College, Hyderabad since December 1965 ; *b* 10 March 1927 at Nellore, A.P. ; *Edn* : MBBS in 1953 from Madras Medical College ; D.O. in 1956 & M.S. in 1957 from Andhra Medical College, Visakhapatnam ; *Resch Exp* : For past 12 years ; *Pub* : Five case reports ; *Exp* : For ten years at Osmania Medical College and Gandhi Medical College, both at Hyderabad; *Mem*: All India Ophthalmological Association; *Knows*: English, Telugu, Hindi, Tamil & Urdu ; *Add* : Dept. of Ophthalmology, Gandhi Medical College, Hyderabad.

RAMASWAMI, (Dr) Kumandur Raghavachar—Dept. of Zoology, Karnatak Univ.; *b* 28 January 1928 at Magadi in Dist. Bangalore; *Edn* : M. Sc. in 1949 from Mysore Univ. & Ph. D. in 1960 (On the Sex cycle of the Indian vampire bat) from Nagpur Univ.; *Resch Exp* : In the field of reproductive physiology and similar subjects; *Pub* : About 50 papers in different papers of India; *Exp* : G. P. College of Science & Agri. 1949-52; Hislop College, Nagpur 1952-61; joined Karnatak Univ. in 1961; *Exp* : Indian Zoological Society, Indian Science Congress, Bombay Natural History Society, National Academy of Sciences of India, Indian Society for Studies in Reproduction; *Knows* : English, Hindi, Kannada, Telugu, Tamil, Marathi, Malayalam, Gujarati, French and Russian; *Genl* : Has delivered extension lectures, given radio-talks, been judge of many competitions, editor of magazines, directed dramatical performances, presided over public functions, member of many social bodies; *Add* : c/o Shri K. R. Raghavachar, Advocate, Balepet, Bangalore City-2.

RAMBEHARI, (Dr)—Chairman, Directorate of Correspondence Courses & Continuing Education, Univ. of Delhi since 1967; *b* 25 April 1897 at Delhi; *Edn* : M. A. (App Math) in 1919 with first class first from St. Stephen's College, Delhi; M. A. (Pure Maths) in 1920 from Govt. College, Lahore, Univ. first; M. A. (Maths) in 1927 from Cambridge Univ., Ph. D. in 1932 from Trinity College, Dublin; Sc. D. (Maths) in 1945, first Indian to obtain this Degree from Trinity College, Dublin; *Resch Exp*: For past 45 years; guided numerous students for Ph. D. & D. Sc.; investigator-in-charge of many C. S. I. R. projects; *Pub* : Books—The Differential Geometry of Ruled Surfaces, Tensor Calculus, Differential Equation,

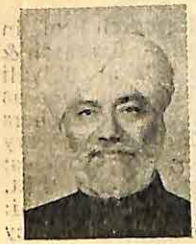
Theory of Equations, Plane Trigonometry, Intermediate Algebra, Intermediate Plane Geometry, Geometry of the Parabola and Ellipse, Ancient India's Contribution to Mathematics, Muslim Contribution to Mathematics, Teaching of Mathematics in Schools and Colleges; besides over 60 papers; *Honours*: Awardee of Central State Scholarship 1925, U. P. Education Minister's Gold Medal 1943; *Exp*: St. Stephen's College, Delhi 1920-47; Head, Dept. of Maths., Delhi Univ. 1947-62; Founder-Director of Correspondence Courses & Continuing Education, Delhi 1962-64; Vice Chancellor, Jodhpur Univ. 1964-66; *Mem*: Represented Delhi Univ. at 7th Quinquennial Congress of Universities of Commonwealth in 1953; Chairman of Differential Geometry Section of International Congress of Mathematicians at Edinburgh in 1958; American Mathematical Society, Past President of Indian Mathematical Society, Bharatiya Ganit Parishad; Past Sectional President of Indian Science Congress; Fellow & Past-Treasurer of National Institute of Sciences of India; Fellow & Vice President of National Academy of Sciences; member of National Commission for Mathematics and numerous national and international organisations; *Knows*: Sanskrit, Hindi, Urdu, English, French, German & Italian; *Visited*: UK, Ireland, USA, Sweden for higher studies and to attend conferences; *Add*: 80, Daryaganj, Delhi-6.

RAMESH, (Dr) Puvvada—Dept. of Physics, S. V. Univ. since January 1966; *b* 1 September 1938 at Kunavaram in Dist. Khammam; *Edn*: M. Sc. (Physics) in 1961 & Ph. D. (Meteors) in 1967 from Andhra Univ.; *Resch Exp*: In the field of meteor physics for 10 years; *Pub*: On height of occurrence of shower meteors, cirrus cloud peaks, taurid meteor spectrum etc.; *Exp*: S. V. Univ. since 1966; *Add*: Dept. of Physics, S. V. Univ., Tirupati.

RAMJI LALL—Head, Dept. of English, Dyal Singh Evening (Univ) College, New Delhi since 1959; *b* 1 July 1917 at Jhang in W. Pakistan; *Edn*: M. A. (English) in 1938 from Forman Christian College, Lahore; *Pub*: Edited—Shakespeare's Julius Caesar, Othello, Cariolanus, The Tempest; abridged Nathaniel Hawthorne's 'The House of the Seven Gables'; author of 'A Book of English Grammar and Composition' & 'Raj Model Essays'; besides edited a large number of other books; *Exp*: Dayal Singh College, Lahore 1938-47; Punjab Univ. Camp College, New Delhi 1947-58; Joined Dayal Singh College, New Delhi in 1958; *Knows*: English, Hindi & Urdu; *Hobb*: Art and theatre; *Add*: Dayal Singh (Evening) College. New Delhi.

RAMU, (Dr) Shivanna Shiva—Reader in Business Management, Delhi Univ. since December 1967; *b* 26 March 1939 at Mysore; *Edn*: M. A. (Econ) in 1961 from Mysore Univ. & Ph. D. (International Business) in 1966 from Upsala Univ., Sweden; *Pub*: The Pattern of Investment, Foreign Ventures in India, Indian Ventures Abroad; *Honours*: Hugh Dally Memorial Merit Scholarship 1960; *Exp*: Started with Delhi Univ.; *Knows*: Kannada, Hindi, English, Swedish & Japanese; *Visited*: Sweden; *Hobb*: Chess; *Add*: 311, Srikanteswara Nilaya, K. R. Hospital Road, III Cross, Mysore-1.

RANADE, Pandharinath Vishnupant—Marathwada Univ.; *b* 6 July 1931 at Paoni in Maharashtra; *Edn*: M. A. (English) in 1958 from Poona Univ.; M. A. (Indology) in 1960 & M. A. (History) in 1962 from Nagpur Univ.; *Pub*: A book on 'Satavahanas' which has been awarded Apte Award of the Univ.; besides many papers; *Exp*: For the last 10 years at the Marathwada Univ.; *Mem*: Indian History Congress, Numismatic Society of India, Bharat Itihas Sansodhan Mandal etc.; *Knows*: Marathi, English, Urdu, Russian, Sanskrit & Hindi; *Add*: Marathwada Univ., Aurangabad.



RANDHAWA, Tara Singh—Principal, Guru Nanak Engg. College, Ludhiana since 1965; *b* 1 February 1899 at Thetherke in Dist. Batala; *Edn*: Dip. Engg. from Thomson College, Roorkee in 1921 and B.Sc. Hons. (Engg.) in 1939 from London Univ.; *Exp*: Vice-Principal, V.D.H. Tech. Institute, Lahore 1923-26; Lecturer, Asstt. Prof., Prof. and Head of Dept, Punjab College of Engg & Tech., Lahore 1926-47; Vice Principal & Head of Dept., Punjab Engg. College, Roorkee 1947-53; Vice-Principal & Head of Dept. & Principal of Punjab Engg. College, Chandigarh & Director Karnal Resch. Lab., 1954-56; *Mem*: Ludhiana Productivity Council, Institution of Engineers (India),

State Board of Technical Education. All India Council for Technical Education, on the Governing Bodies of many Engg. Institutions ; *Knows* : Hindi, Punjabi & English ; *Hobb* : Gardening ; *Visited* : UK & Europe ; *Add* : Guru Nanak Engg. College, Ludhiana.

RANE, Amarsinh Pandurang,—Director, Karmaveer Higher Rural Institute, Gargoti since January 1966 ; *b* 3 March 1934 at Banage in Dist. Kolhapur ; *Edn* : M.A. (English) in 1961 from Siddarth College of Arts & Science ; *Exp* : Shivaraj College of Arts & Commerce, Gadhinglaj ; *Mem* : National Council of Rural Higher Education ; *Knows* : Hindi, Marathi & English ; *Add* : Shri Mouni Vidyapeeth, Gargoti, Dist. Kolhapur.

RANGACHAR, C.—Principal, M.E.S. Teachers College, Bangalore since July 1963 ; *b* 18 May 1906 at Kalkunte in Dist. Bangalore ; *Edn* : M. Ed. (Ed Psy) in 1930 from Univ of Leeds, UK ; *Resch Exp* : Guided many Ph. D. and M. Ed. students ; *Pub* : Books—Wardba Education Report Examined, Nursery Schools, Rise and Growth of Universities in India ; papers on racial differences, our education system, vocational education ; *Honours* : Two Gold Medals and one Prize ; *Exp* : Teachers College, Mysore 1931-49 ; Registrar, Univ. of Mysore 1949-53 ; Prof. of Education, Teachers College, Mysore 1953-58 ; Principal, Teachers College, Mysore 1958-62 ; *Mem* : Board of Studies. Academic Council & Senate of Bangalore Univ. ; Mysore State Secondary Education Examination Board ; Board of Studies in Kerala Univ. ; member of univ. bodies of many universities in South India ; visiting professor to many universities ; *Visited* : UK, Scotland, France, Germany, Denmark & Italy to study their educational systems ; *Hobb* : Scouting ; *Add* : M.E.S. Teachers College, Bangalore-3.

RANGANADHA, Sripati—Principal, Adarsh College of Science, Commerce & Arts, Jammikunta since August 1965 ; *b* 15 February 1924 at Vellore in N. Arcot Dist. ; *Edn* : M.A. (Econ) in 1952 from Annamalai Univ. & M.B.A (Marketing & Management) in 1955 from Atlanta Univ., USA ; *Resch Exp* : In the economic aspects of Indian cotton textiles industry since Independence ; *Pub* : Over 50 research papers on subjects like India's Cotton Textile Exports, Sales Forecasting, Effect of Taxation on Industries, Industrial Estates, Halo Effect of Corporate Images etc. ; *Exp* : Osmania Univ. ; *Mem* : Many social and educational organisations ; *Knows* : Telugu, Tamil & English ; *Visited* : USA, UK, Canada, Belgium, Germany, Austria, Yugoslavia, Greece, Turkey, Iraq, Iran & Egypt ; *Add* : Adarsh College of Science, Commerce & Arts, Jammikunta, A.P.

RANGANATHAN, (Dr) M.—Prof. of Meat Inspection, Madras Vety. College, Madras since 1962 ; *b* 9 August 1921 at Attayampatti in Dist. Salem ; *Edn* : M.S (Animal Husbandry) in 1960 from Univ. of Tennessee, USA ; *Resch Exp* : For 8 years ; *Pub* : On Otitis Externa in Dogs, Foreign body in the stomach of a dog, dressing of Rhode Island Red, Quality of Chickens etc.; *Exp* : For past 20 years at Madras Vety College, Madras ; *Mem* : Treasurer, Madras Veterinary Association ; *Genl* : In-charge of the Radiology Section of Madras Vety. College since 1950 ; *Knows* : Tamil, Telugu & English ; *Visited* : USA for P.G. Training ; *Add* : 33, Temple Road, Kilpauk, Madras-10.

RANGANATHAN, Shiyali Ramamrita—National Research Prof. in Library Science since 1955 & Hon. Prof., Documentation Research & Training Centre, Bangalore since 1962; *b* 12 August 1892 at Shiyali in Dist. Thanjavur; *Edn* : M. A. (Maths) n 1916 from Madras Christian College & L. T. (Maths) in 1917 from Saidapet Teachers College; *Resch Exp* : In Mathematics for 1917-23 & in Library Science since 1925; *Pub* : Over 50 books on various library subjects; many books going in subsequent editions; *Honours* : D. Litt. (Honoris causa) from Univ. of Pittsburgh & Univ. of Delhi; *Exp* : Govt. Colleges at Mangalore, Coimbatore & Presidency

College, Madras 1917-23; Univ. of Madras 1929-44; BHU 1944-47; Univ. of Delhi 1947 54; Vikram Univ. 1958-59; Visiting Prof. to the Universities in Canada, Japan, USA & UK; *Mem*: Member-Treasurer, Indian Mathematical Society (treasurer 1925-29); Madras Library Association (Vice President 1948-57 & President 1958-67); Indian Library Association (Vice President 1935-42 & President 1943-53); Patron of Delhi Library Association & Mysore Library Association; Hony. Fellow of Virginia Bibliographical Society, IASLIC (1955), International Federation for Documentation; Hony. Vice-President of British Library Association; President-Emeritus of Madras Library Association; Padma Shri in 1957; Vice-President of Indian Statistical Institute (1965-) and many other specialised bodies; *Knows*: Sanskrit, Tamil & English; *Visited*: Canada, USA, most of European countries, Japan etc.; *Add*: 'Sarada' 100 Main Road, 4, Malleswaram, Bangalore-3.

RANGARAJAN, S. K.—Scientist, C. E. C. R. I., Karaikudi since 1960; *b* 9 September 1932 at Madras; *Edn*: B. A. (Hons) (Maths) in 1953 from Madras Univ.; *Resch Exp*: For past 10 years; *Pub*: Over 50 papers on Faradaic Admittance, Electrocrystallisation, electrodeposition, electrochemistry, surface diffusion, generalised Tricomi, Polynominals and other mathematical subjects; *Exp*: Madras Christian College; Alagappa College of Engg. & Techy., Karaikudi; *Knows*: Tamil, Sanskrit & English; *Visited*: UK for higher training; *Add*: C. E. C. R. I., Karaikudi-3.

RANGARAO, (Dr) P. V.—Prof. & Head, Dept. of Entomology, A. P. Agrl. Univ., Hyderabad since November 1967; b 1 July 1916 at Chirala in Dist. Guntur; *Edn*: Assoc. I. A. R. I. in 1953 with first class first & Ph. D. in 1963 from I. A. R. I., New Delhi; *Resch Exp*: In the field of chemical control of crop pests and related aspects of economic entomology, insect toxicology and insect ecology; *Pub*: Over 20 papers on subjects like insecticidal sprays, control of crop pests, quality of onions, tobacco caterpillar, cucurbit fruit fly, brinjal tingid etc.; *Exp*: I. A. R. I., New Delhi 1951-53, 1958-63 & 1966-67; Regional Research Unit, Bapatla 1954-58; Hindu College, Guntur 1947-48; Agrl. College, Bapatla 1953-54 & 1964-65; *Mem*: Entomological Society of India, Editor of Andhra Agrl. Journals; *Knows*: English, Telugu & Hindi; *Add*: Dept. of Entomology, College of Agri., Rajendranagar, Hyderabad-30.

RANGASWAMI, (Dr) Srinivasa—Sir Shankar Lal Prof. of Chemistry, Delhi Univ.; *b* 15 June 1912 at Tiruvayaru in Dist. Tanjore; *Edn*: M. A. (Chem) in 1936 from Madras Univ., Ph. D. in 1938 from Andhra Univ. & Dr. Phil. (Pharmacy) in 1948 from Basle Univ.; *Resch Exp*: In organic chemistry and chemistry of natural products; *Pub*: One book on Chemistry of Vitamins and Hormones; *Exp*: Presidency College, Madras, for 2 years; Andhra Univ. for 29 years; for last 6 years at Delhi Univ.; *Mem* Royal Institute of Chemistry, Indian Academy of Sciences, National Institution of Sciences of India; Past President of Indian Pharmacological Association; *Knows*: English, Telugu & German; *Visited*: Switzerland, UK, France, Australia, Japan—to attend conferences; *Add*: Dept. of Chemistry, Delhi Univ., Delhi.-7.

RAO, (Dr) A. Appa—Head, Dept. of Plant Pathology, A. P. Agrl. Univ., Hyderabad since January 1967; *b* 1 July 1927 at Guntur; *Edn*: Ph. D. in 1957; *Resch Exp*: For over 15 years; *Pub*: About 30 papers; *Exp*: Osmania Univ.; *Mem*: Gamma Sigma Delta, Sigma Xi, Indian Science Congress, Indian Phytopathological Society, Indian Botanical Society; *Knows*: Telugu, Hindi, English & German; *Visited*: USA; *Add*: Dept. of Plant Pathology, College of Agri., A. P. Agrl. Univ., Rajendranagar, Hyderabad-30.

RAO, (Dr) A. S. Chandrasekhra—Dept. of Medicine, Medical College, Bellary since August 1965; *b* 5 March 1938 at Bangalore; *Edn*: M. D. in 1965 from A. I. I. M. S., New Delhi; *Resch Exp*: In the field of Vector cardiogram; *Pub*: On myocardial infraction following blood transfusion; *Honours*: Awardee of Armugam Gold Medal in MBBS; S. R. Sitamma's Prize in Midwifery; *Exp*: Karnatak Medical College, Hubli for 1½ years; *Knows*: English, Kannada, Hindi & Telugu; *Hobb*: Classical, instrumental Karnatic music; *Add*: Dept. of Medicine, Medical College, Bellary (Mysore State).

RAO, (Dr) Ambati Bhaskara—Asstt. Prof. in Physics, I. I. T., Delhi since May 1967; *b* 24 October 1934 at Kavulur in Dist. Krishna; *Edn*: M. Sc. (Geophysics) in 1957 from Andhra Univ. & Ph. D. (Cosmic Rays) in 1963 from AMU; *Resch Exp*: For 10 years in cosmic rays and solid state physics; *Pub*: Six publications on influence of geomagnetic field on extensive air showers of cosmic radiation; *Exp*: Lecturer 1962-67 and Asstt. Prof. since 1967 at I. I. T., New Delhi; *Mem*: A few educational and social bodies; *Knows*: Telugu, English & Hindi; *Visited*: UK; *Add*: Dept. of Physics, I. I. T., New Delhi-29.

RAO, (Dr) Aragula Sathyanarayana—Regional Botanist, Botanical Survey of India, Shillong since 1964; *b* 10 January 1924 at Bangalore; *Edn*: M. Sc. (Bot) in 1946 from Central College of Bangalore; P.G. Study in 1953 from Cornell Univ.; Ph. D. (Taxonomy) in 1956 from Washington Univ. & Post-doctoral Fellow during 1956-58 at National Research Council, Toronto, Canada; *Resch Exp*: For past 17 years in systematic botany, floristics, phytogeography and biosystematics; *Pub*. About 15 papers; *Exp*: During 1944-61 in various Colleges of the Univ. of Mysore; *Mem*: International Association for Plant Taxonomy, Indian Science Congress; *Knows*: English, Hindi, Telugu, Latin, French & German; *Visited*: USA 1953-56, Canada 1956 58; UK and a few other European countries; *Hobb*: Drawing and book collecting; *Add*: Botanical Survey of India, Eastern Circle, Shillong.

RAO, B. Kutumba—Principal, National College, Masulipatam since December 1966; *b* 1 June 1914 at Kollur in Dist. Guntur; *Edn*: M.A. (Sanskrit) in 1936 from Annamalai Univ. & Sahitya Siromani in 1940 from Madras Univ.; *Pub*: Abhinavandhra Dhvanyaloka, Vykti Viveka, Tripura Rahasya, Siddhanta Lesa Samgraha; *Exp*: Hindu College, Machilipatnam 1936-49; joined National College, Masulipatam in 1949 and held different positions; *Knows*: English, Telugu, Sanskrit, Hindi & German; *Add*: National College, Masulipatam, A.P.

RAO, (Dr) B.V. Aswathanarayana—Asstt. Prof., Dept. of App. Mech. & Aeronautics, I.I.T., Madras since 1963; *b* 30 March 1933 at Bangalore: *Edn*: B.E. (Mech Engg) in 1956 from U.C.E., Bangalore; M.E. (Internal Combustion Engines) in 1958 from Indian Institute of Science, Bangalore & Dr. Ing. in 1961 from T.U., Dresden; *Resch Exp*: For over 10 years. *Pub*: Quite a few papers; *Exp*: I.I.T., Bombay for 2 years; English, German, Kannada, Russian, Hindi, Telugu & Tamil; *Visited*: East Germany 1958-61; *Add*: Dept. of App. Mech. & Aero., I.I.T., Madras-36.

RAO, (Dr) Barri Ramachandra—Prof. & Head, Dept. of Physics, Andhra Univ. since October 1958; *b* 23 November 1922 at Yellamanchili in Vizag Dist.; *Edn*: M. Sc. in 1945 with first class and winning Metcalfe Medal & D. Sc. in 1949 from Andhra Univ., *Resch Exp*: For over 25 years in Ultrasonics, Ionosphere, Radio Physics, Space Research & Solid State Electronics; *Pub*: More than 200 papers; *Honours*: J.C. Bose Award in 1956, S.S. Bhatnagar Award in 1965; *Exp*: Andhra Univ. 1945-48; Lecturer 1950-53, Reader 1953-58 in the Physics Dept. of Andhra Univ.; *Mem*: Institute of Radio Engineers (USA), Physical Society (London), British Institute of Electronics & Radio Engineers, Andhra Pradesh Academy of Sciences; *Knows*: English, German, Hindi & Telugu; *Visited*: Australia 1951-52 & USA 1956-57; *Hobb*: Music and gardening; *Add*: 5/37, Siripuram Staff Qrs., Andhra Univ., Waltair.

RAO, (Dr) Bhavaraju Sarveswara—Head, Dept. of Economics, Andhra Univ. since 1953; *b* 4 November 1915 at Peddapuram in E. Godavari; *Edn*: M.A. (Econ) in 1938 from Andhra Univ. & Ph. D. in 1953 from Cambridge Univ.; *Pub*: Papers dealing with international monetary economics and agricultural economics; books on Economic & Social Aspects of Zamindary Abolition in Andhra, Studies in Farm Management; *Exp*: Principal, A. U. Colleges since 1966; *Mem*: Indian Economic Association, Nigeria Economic Association; *Knows*: English, Telugu & French; *Visited*: USA, UK, Thailand, Philippines & Nigeria; *Add*: Univ. College of Arts & Commerce, Andhra Univ., Waltair.

RAO, (Dr) C. G. Prakasa—Dept. of Botany, BITS, Pilani since August 1967 ; *b* 14 August 1936 at Gangapatnam in Dist. Nellore ; *Edn* : M. Sc. (Bot) in 1960 from Jaswant College, Jodhpur & Ph. D. in 1965 from Univ. of Rajasthan ; *Resch Exp* : For ten years ; *Pub* : A few papers on subjects like pathological anatomy of various plants ; *Exp* : Rajasthan Univ., Jaipur for 4 years ; *Mem* : Indian Phytopathological Society ; *Knows* : English, Hindi & Telugu ; *Add* : Dept. of Botany, B ITS, Pilani.

RAO, (Dr) C.N.R.—Head, Dept. of Chemistry, I.I.T., Kanpur since 1963 : *b* 30 June 1964 at Bangalore ; *Edn* : M. Sc. from BHU, Ph. D. from Purdue Univ., USA & D. Sc. from Mysore Univ. ; *Pub* : Books—Ultra Violet & Visible Spectroscopy, Chemical Applications of Infra red Spectroscopy, Experiments in General Chemistry, Editor-in-Chief of Hand book of Chemistry & Physics ; *Honours* : Awardee of Marlow Medal and Prize for 1967 ; *Exp* : Univ. of California, USA 1958-60 ; Indian Institute of Science, Bangalore 1960-63 ; Visiting Prof. of Chemistry, Purdue Univ. 1967-68 ; *Mem* : Faraday Society, Sigma Xi, Indian Academy of Sciences, Royal Institute of Chemistry ; *Add* : Dept. of Chemistry, I.I.T., Kanpur.

RAO, C. Raja—Reader, Dept. of Elect. Engg., S.V. Univ. College of Engg., Tirupati since 1962 ; *b* 1 March 1939 at Nellore ; *Edn* : B.E. (Hons) in 1961 with first rank from Govt. College of Engg , Anantapur & M.E. (High Voltage Engg) in 1962 from Indian Institute of Science, Bangalore ; *Pub* : On Selection and location of Lightning Arrestors in Sub-stations, Protection of Transformer oils against aging etc. ; *Honours* : Awarded Gold Medal ; *Exp* : Nellore Thermal Station, Nellore for practical training ; *Mem* : Institution of Engineers, The Society of Power Engineers ; *Knows* : Telugu, Hindi & English ; *Hobb* : Gardening, book-binding and photography ; *Add* : Dept. of Elect. Engg., S.V. Univ. College of Engg., Tirupati.

RAO, (Dr) Calyampudi Radhakrishna—Director, Research & Training School, I.S.I., Calcutta-35 ; *b* 10 September 1920 at Hadagali ; *Edn* : M.A. (Maths) in 1940 with first class first from Andhra Univ., M.A. (Stats) in 1943 with first class first & Gold Medal from Calcutta Univ. ; Ph. D. in 1948 & D. Sc. in 1965 from Cambridge Univ. ; *Honours* : S.S. Bhatnagar Award in 1963, Guy Medal in Silver of Royal Statistical Society (London) in 1965 ; *Pub* : Books on Linear Statistical Inference & Its Application, Advanced Statistical Methods in Biometric Research, Formulae & Tables for Statistical Work, The Ancient Inhabitants of Jebal Moya, Anthropometric Survey of the United Provinces, Bengal Anthropometric Survey etc. besides a very large number of papers, articles, notes and reviews published in Indian and foreign journals ; *Exp* : joined I.S.I. in 1929 as full fledged Professor and since then held different positions ; *Mem* : Fellow of Royal Society (London), International Statistical Institute, National Institute of Sciences of India, Institute of Mathematical Statistics (USA), Sectional President of Indian Science Congress, Chairman of the Indian National Cttee for Statistics since 1962, Co-editor of 'Sankhaya' ; Visiting Prof. at foreign universities in 1953-54 and 1963-64 ; outlined numerous new theories in statistics ; visited foreign countries almost every year since 1953 to attend various conferences ; *Visited* : Practically throughout the world several times ; *Hobb*: Writing humorous articles interested in classical music ; *Add* : Indian Statistical Institute, Calcutta-35.

RAO, Dwaram Bhavanarayana—Principal, M. R. Govt. Music College, Vizianagaram since 1962 ; *b* 15 June 1924 at Vizianagaram ; *Edn* B.A. (Music) in 1964 from Andhra Univ., worked for M. Litt. in Music at Madras Univ. ; specialised in Vocal & Violin ; *Pub* : Many papers and articles on various aspects of Karnatic Music ; *Exp* : Giving vocal and violin recitals for last 20 years ; Prof. in Theory of Music at M.R. Music College, Vizianagaram 1948-55 ; Head of Dept. of Music, Arts College, Kavali 1955-62 and also Principal of Bezwada Gopalareddy School of Music, Kavali 1955-62 ; *Mem* : Academic Council, Board of Studies of Andhra Univ. ; Member of Nataka Akademi, Hyderabad ; *Genl* : Composed, directed and produced

many operas and dance-dramas ; *Knows* : Telugu and English ; *Hobb* : Literature and drama ; *Add* : M.R. Govt. Music College. Vizianagaram, A.P.

RAO, (Dr) G.S.—Head, Dept. of Anatomy & Histology, U.P. Agrl. Univ. since April 1965 ; *b* 17 March 1931 at Machilipatnam is Dist. Krishna ; *Edn* : Ph. D. (Vety. Anatomy) in 1964 from Univ. of Minnesota, USA ; *Resch Exp* : In the field of structural and functional organisation of central nervous system in Indian buffalo ; *Pub* : Many papers on subjects like—spinal cord segments in the Indian buffalo, lateral cervical nucleus, biometry of the bovine skull, cranial capacity etc.; *Exp* : Andhra Vety. College, Tirupati ; College of Vety. Medicine, Univ. of Minnesota ; *Mem* : World Association of Vety. Anatomists, American Association of Veterinary Anatomists, Anatomical Society of India, Indian Science Congress, Kappa Chapter of Phizeta ; *Knows* : English, Telugu & Hindi ; *Visited* : USA for higher studies ; *Add* : Dept. of Anatomy & Histology, U.P. Agrl. Univ., Pantnagar, U.P.

RAO, (Dr) Govindaraju Vijaya Umamaheswara—Scientific Officer (SE), Metallurgy Dn., Bhaba Atomic Research Centre, Trombay, Bombay since February 1968 ; *b* 25 August 1928 at Veeravalli in Krishna Dist. ; *Edn* : M. Sc. (Geology) in 1949 from Andhra Univ. & Advanced Training in Mineralogical Techniques during 1963-64 from Univ. of Michigan, USA ; *Resch Exp* : For over 20 years in Geology of Karempudi Area, Beneficiation of Manganese Ores, Mineralogy of Radioactive Ores, Study of Strategic minerals etc. ; *Pub* : Over 30 papers in Indian and foreign journals ; *Exp* : Andhra Univ. 1949-52 ; *Mem* : Indian Science Congress, Geochemical Society of India; *Knows*: Telugu, English, German & Hindi ; *Visited* : USA 1963-64 ; *Add* : 22/30, Buttayyapeta, Machilipatnam, Krishna Dist.

RAO, (Dr) H.V. Gundu—Head, Dept. of Biophysics, P.G. Institute of Medical Education & Research, Chandigarh since 1964 ; *b* 25 May 1925 at Holenarasipur in Mysore State ; *Edn* : M.Sc. (Electronics) in 1950 from Central College, Bangalore & Ph. D. (Neuro-Physiology) ; *Resch Exp* : For over 15 years ; *Pub* : On optical illusions and different aspects of biophysics ; *Honours* : Holder of scholarship throughout educational career ; *Exp* : National College, Banglaore 1950-55 ; All India Institute of Mental Health, Bangalore, Sr. Research Scholar 1955-58 and Asstt. Prof. during 1958-64 ; *Mem* : International Federation for Medical & Biological Engineers, Indian Science Congress ; *Knows* : Kannada, Sanskrit & English ; *Visited* : UK 1961-63 ; *Hobb* : Study of Indian philosophy ; *Add* : Dept. of Biophysics, P.G. Institute of Medical Education & Research, Chandigarh.

RAO, (Dr) Jagadiswara Ramayanam—Dept. of Geology, S. V. Univ. since 1960; *b* 16 August 1937 at Kakinada in E. G. Dist.; *Edn* : M. Sc. in 1958 from Andhra Univ. & Ph. D. in 1965 from S. V. Univ.; *Pub* : About 20 research papers; *Exp* : Govt. Engg. College, Kakinada for 1 year; *Mem* : Mineralogical Society of India, Geochemical Society of India, Indian Geo-Science Association: *Knows* : Telugu & English; *Hobb* : Chess; *Add* : Dept. of Geology, S. V. Univ., Tirupati, A. P.

RAO, Josyula Visweswara—Prof. & Head, Dept. of Civil Engg., I. I. T., Kharagpur since March 1962; *b* 2 May 1916 at Kakinada; *Edn* : M. Sc. (Hydraulics) in 1940 from College of Engg., Madras; *Resch Exp* : For over 25 years ; *Pub* : Over 30 technical papers; *Exp* : Irrigation Research Station, Poondi 1944-53; joined I. I. T., Kharagpur in 1956 as Prof.; *Mem* : Institution of Structural Engineers, Institution of Engineers (India), International Association for Hydraulic Research; *Knows* : English, Telugu & German; *Visited* : USA 1948-49 & 1961-62; *Hobb* : Studying English literature and religious philosophy; *Add* : A-6, Unesco Road, I. I. T. Campus, Kharagpur, W. B.

RAO, (Dr) K. V.—Prof. & Head, Dept. of Pol. Science since 1963 & Director, Centre for Study of State Govts., BHU since 1967; *b* 15 February 1913 at Koppanu in W. Godavari Dist.; *Edn* : M. A. in 1936 winning Nataraja Gold Medal & M. Litt. in 1939 from Annamalai Univ. & D. Litt. in 1958 from Utkal Univ. ; *Pub* : Parliamentary Democracy of India; besides numerous papers; *Honours* : Awarded Special Robe of Honour by Patna Darbar in 1945; *Exp* : Maharaja's Degree College 1937-44;

Orissa Educational Service 1944-58; Reader & Head, Utkal Univ. 1958-63; joined BHU in 1953; *Mem*: President, Indian Political Science Association (1967); Member of Indian Institute of Public Administration. Society for Study of State Govts.; Orissa State Development Advisory Board (1952-62); *Knows*: English, Telugu & Hindi; *Visited*: USA; *Hobb*: Contract bridge; *Add*: Old D/4, BHU, Varanasi-5.

RAO, (Dr) Kittur Subba—Resch. Prof. of Chemistry, B. I. T. S., Pilani since April 1965; *b* 2 December 1904 at Vill. Kittur in Dist. Mysore; *Edn*: M. Sc. (Phy Chem) in 1933 from Mysore Univ. & D. Sc. in 1940 from Madras Univ.; *Pub*: About 65 papers in Indian and foreign journals; *Resch Exp*: In the field of selective adsorption from binary mixtures of liquids, hysteresis in Sorption, drought resistance of plants, soils, fuel gas by fermentation of cattle wastes, solar water heating etc.; *Exp*: Mysore Univ. 1928-47; National Institute of Sciences of India (Research Fellow) 1947-49; Defence Science Lab., New Delhi 1949-59; Defence Lab., Jodhpur 1959-60; Defence Science Lab., Delhi 1960-64; Retired Scientist of C. S. I. R. 1964-65; *Mem*: Royal Institute of Chemistry (London); *Knows*: Kannada, Tamil & English; *Add*: Dept. of Chemistry, B. I. T. S., Pilani.

RAO, (Dr) Kompella Suryanarayana—Head of Physics Dept., Karnatak Univ. since August 1966; *b* 6 September 1927 at Pithappuram in Dist. E. Godavari; *Edn*: M. Sc. in 1948 with first class first and D. Sc. in 1954 winning Metcalfe Gold Medal from Andhra Univ.; *Resch Exp*: For over 20 years in spectroscopy; *Pub*: Nearly 30 research papers in Indian and foreign journals; *Honours*: Post-doctoral Fellowship at National Research Council, Canada during 1957-59; *Exp*: Andhra Univ. 1948-55; joined Karnatak Univ. in 1955 and held different positions; *Mem*: Indian Physical Society, Univ. Senate; *Knows*: Telugu, English & Kannada; *Visited*: Canada, USA, UK, France, Switzerland & Italy to attend symposia and to do research; *Add*: Dept. of Physics, Univ. of Karnatak, Dharwar-3.

RAO, (Dr) Koneru Ramakrishna—Head, Dept. of Psychology & Parapsychology, Andhra Univ. since January 1968; *b* 4 October 1932 at Enikepadu in Dist. Krishna; *Edn*: M. A. (Lib Sc) in 1960 with Beta Phi Mu Award from Univ. of Chicago; M. A. (Hons) & Ph. D. (Phil) in 1962 from Andhra Univ.; *Resch Exp*: In psychology and Library Science; *Pub*: Books on—Psycognition, Experimental Parapsychology, Gandhi & Pragmatism; besides 25 papers; *Exp*: Duke Univ., Durham; Andhra Univ. Colleges; *Mem*: President of International Parapsychology Association (USA 1965); Beta Phi Mu Award in 1960; Past President of Vizag Junior Chamber; Foreign Affiliate of the American Psychological Association; Member of A. P. Library Association, Indian Academy of Applied Psychology; *Knows*: Telugu & English; *Visited*: USA, France etc.; *Genl*: Chief Librarian of Andhra Univ. since 1961; *Add*: Andhra Univ. Library, Waltair.

RAO, (Dr) Krishna A.—Dean, Kasturba Medical College, Manipal since September 1963; *b* 10 April 1924 at Vizianagaram in A. P.; *Edn*: M. Sc. (Physiology) in 1952 from Stanley Medical College, Madras; *Pub*: On blood group characteristics in South Indians, Rh sub-groups in South Indians etc.; *Exp*: Andhra Medical College, Vishakhapatnam 1953-54; Assoct. Prof. of Physiology 1954-55, Prof. & Vice-Principal 1955-62 at Kasturba Medical College, Manipal; *Knows*: English, Telugu, Malyalam & Kannada; *Add*: Kasturba Medical College, Manipal, S. India.

RAO, (Dr) M. V. Krishna—Head, Dept. of Politics & History, A. P. S. College since 1942 and UGC Professor for past 6 years; *b* 7 September 1902 at Mysore; *Edn*: M. A., B. T., D. Litt. during 1926-31 from Mysore Univ.; *Resch Exp*: For over 35 years; *Pub*: Books on Mystic tradition in Karnataka Art & Religion, Glimpses of Karnataka, History of Freedom Movement in Karnataka, Studies in Kautilya, Growth of Indian Liberalism in the 19th century; large number of books on historical subjects and personalities besides papers; *Exp*: Maharaja College, Mysore; Arts & Science College, Tumkur; *Mem*: President, The Mythic Society; Ex-Vice-President of All India Political Association; member of Royal Asiatic Society, Royal Institute of International Affairs, Indian Historical Commission; *Knows*: Kannada & English; *Visited*: UK & France; *Hobb*: Collection of art pieces, coins and images; *Add*: c/o The Mythic Society, Post Box 141, Bangalore-1.

RAO, Mairpady Vasudeva—Head Master, Vidyadayinee Higher Sec. School, Suratkal since 1944 *b* 6 December 1909 at Mairpady in S. K. Dist.; *Edn*: M. A. (Kannada) in 1941 & Dip. in Geography in 1940 from Madras Univ.; *Pub*: Books—Mineral Resources of South India, Our Country-India, author of many text books in social studies for high school classes; *Honours*: Recipient of National Award for Best Teacher in 1967; *Exp*: At Suratkal Hr. Sec. School; *Mem*: Kannada Sahitya Parishad, Bangalore; President of S. K. Dist. Hr. Sec. School Teachers Association and other social and educational bodies; *Knows*: Kannada & English; *Hobb*: Writing; *Add*: Vidyadayinee Hr. Sec. School, Suratkal.

RAO, (Dr) Manthena Srirama—Principal, Motilal Vigyan Mahavidyalaya, Bhopal since 1961; *b* 1 January 1925 at Rustambada in Dist. W. Godavari; *Edn*: M. Sc. (Geol) in 1945 from Andhra Univ. & Ph. D. in 1948 from Univ. of Glasgow; *Resch Exp*: For over 25 years; *Pub*: Over 30 research papers in Indian and foreign journals; *Exp*: Geological Survey of India; teaching experience to P. G. classes for 22 years; *Mem*: Geological Society of London & India; Mining, Geological & Metallurgical Institute of India; Geological Mining & Metallurgical Society of India; American Institute of Mining, Metallurgical & Petroleum Engineers (USA), International Geological Congress; *Knows*: English, German. Hindi, Telugu and other Indian languages; *Visited*: UK 1946-48 and most west-European countries; *Add*: Motilal Vigyan Mahavidyalaya, Bhopal.

RAO, (Dr) Mysore Hanumantha—Addl. Prof. of Medicine, Kakatiya Medical College, Warangal since June 1965; *b* 5 August 1931 at Secunderabad; *Edn*: M. D. in 1960 from Osmania Medical College, Hyderabad; *Resch Exp*: In Cerebrovascular diseases and amoebiasis; *Pub*: A few papers in research journals; *Exp*: Asstt. Surgeon in Dist. Hospitals 1955-58; Osmania Medical College & Physician at Osmania General Hospital, Hyderabad 1958-60; Gandhi Medical College, Hyderabad & Asstt. Physician, Gandhi Hospital, Secunderabad 1960-63; Medical Registrar & Asstt. Prof. of Medicine, Gandhi Medical College, 1963-65; *Mem*: Indian Medical Association (President of Warangal Branch), Association of Physicians of India, Rotary Club; *Knows*: English, Telugu, Hindi & Urdu; *Add*: 7019, Somasundaram Street, Secunderabad-3, A. P.

RAO, (Dr) N. C. Shankar Narayan—Principal, College of Educational Psychology and Guidance, Jabalpur since November 1965; *b* 31 July 1917 at Mysore; *Edn*: M. A. (Psy) with first class first in 1940 from Maharaja's College, Mysore & Ph. D. in 1965 from State Univ. of New York, USA; *Resch Exp*: For 10 years; guiding several research students; *Pub*: Numerous papers on Psycho-galvanic Reflex, frustration, conservatism, social attitude etc.; *Exp*: Maharaja's College, Mysore 1945-48; Asstt. Prof. 1948-52, Prof. 1952-56 & Director 1956-61 at Prantiya Shikshan Mahavidyalaya, Jabalpur; Principal, P. G. Basic Training College, Bilaspur 1961-62; Principal, College of Ednl. Psychology & Guidance, Jabalpur since September 1962 except for 1963-65 when went to USA for higher studies; *Mem*: All India Educational & Vocational Guidance Association, Indian Institute of Science; *Knows*: English, Hindi & Kannada; *Visited*: USA; *Add*: No. 2637, Chamundi Extension, Mysore.

RAO, (Dr) N. K. Anant—Dean, College of Agri., U. P. Agrl. Univ. since June 1967; *b* 9 September 1915 at Chitaldrug; *Edn*: M. Sc. (Agrl Bot) in 1935 with first class first and winning Chancellor's Gold Medal & Ph. D. in 1946 from BHU; *Resch Exp*: For nearly 25 years in plant physiology and agronomy; *Pub*: A few books and many articles; *Honours*: Nominated by Govt. of India for the 2nd Commonwealth Educational Conference in 1962; *Exp*: BHU for 8 years; Balwant Vidyapeeth for 17 years; for last 8 years at U. P. Agrl. Univ.; *Knows*: English, Kannada & Hindi; *Visited*: USA as Visiting Professor during 1954-55; *Mem*: Indian Society of Agronomy; *Add*: College of Agri., U. P. Agrl. Univ., Pantnagar, U. P.

RAO, (Dr) Nanduri Venkata Subba—Principal, Univ. College of Science, Hyderabad-7 since 1960; *b* 8 November 1916 at Tapeswaram in E. Godavari Dist.; *Edn*: M. Sc. in 1938 & D. Sc. in 1946 from Andhra Univ.; Ph. D. (Agrl. Chem) in 1949 from London Univ.; *Resch Exp*: For past 30 years in plant insecticides, medicinal and heterocyclic compounds; *Pub*: About 100 papers; *Honours*: Awarded a Gold Medal in B. Sc. (Hons); *Exp*: Andhra Univ. 1940-46; Nizam College, Hyderabad 1950-52; joined Osmania Univ. as Prof. & Head of Chemistry in 1952; Dean, Faculty of Sciences, Osmania Univ. since 1961; *Mem*: Royal Institute of Chemistry, Indian Academy of Sciences, National Institute of Sciences of India: *Knows*: Telugu, English & Hindi; *Visited*: UK 1946-49, USA 1957, USSR 1962, Japan 1964 & USA 1967; *Add*: Univ. College of Science, Osmania Univ., Hyderabad-7.

RAO, (Dr) P. Venkata—Prof. & Head, Dept. of Elect. Engg., I.T.I., Madras since 1961; *b* 22 August 1922; *Edn*: M. Sc. in 1943 from Andhra Univ., Certificate in 1946 from Indian Institute of Science, Bangalore & D. Sc. in 1959 from Andhra Univ.; *Resch Exp*: In the field of Electrical Machinery, Servomechanisms, and Analogue Computers; *Exp*: Elect. Engineer for 2 years with M/s India Electric Works Ltd., Calcutta; Consulting Engineer for one year to a Bangalore Firm; for past 13 years at Indian Intsitute of Science, Bangalore; on deputation to Univ. of Lagos, Nigeria under a UNESCO project for 2 years; *Pub*: About 20 papers in Indian and foreign journals; one book on Transient Analysis of Single Phase Induction Motors; *Mem*: Institute of Electrical & Electronic Engineers (USA), Institution of Engineers (India); *Add*: Dept. of Elect. Engg., I. I. T., Madras-36.

RAO, (Dr) Padakandla Gundu—Director, College of Pharmacy, Manipal since May 1968; *b* 5 March 1935 at Alur in Dist. Kurnool; *Edn*: B. Pharm. in 19^5 & M. Pharm. in 1956 from BHU; Dr. rer. nat. in 1962 from Friedrich-Schiller Univ., Jena (Germany); *Resch Exp*: For 8 years; *Pub*: Research papers on various subjects; *Exp*: Joined B.I.T.S. in 1957 and held different positions till 1968; *Mem*: On the Editorial Board of B.I.T.S. Magazine, member of Indian Pharmaceutical Association, Association of Pharmaceutical Teachers of India; Inspector of the Pharmacy Council of India; *Knows*: English, German, Hindi, Telugu & Kannada; *Visited*: Germany 1959-62; USSR 1961, Italy for higher training; *Hobb*: Classical music; *Add*: Director of College of Pharmacy, Manipal, S.K.

RAO, (Dr) Palepu Venkateswara—Reader in Civil Engg., Univ. of Roorkee since June 1963; *b* 25 October 1932 at Kakinada, A. P.; *Edn*: B.E. (Civil) in 1955 from Andhra Univ., M. Tech. (Hydraulics) from I.I.T., Kharagpur & Ph. D. (Fluid Mechanics) in 1964 from Univ. of Iowa, USA; *Resch Exp*: In hydraulics and fluid mechanics; *Pub*: Boundary-layer-development at curved conduit entrances, seepage losses from canals, design of weirs; *Exp*: at Rookee Univ. 1957; *Visited*: USA; *Knows*: English, German, Hindi, Telugu & French; *Add*: c/o Sh. P. Narayana, Gandhi Puram Block II, Rajahmundry-3.

RAO, (Dr) Pejavar Umashankar—Head, Dept. of Forensic Medicine, Karnatak Medical College Hubli since May 1964; *b* 12 November 1922 at Mangalore; *Edn*: Dip. in Medical Jurisprudence in 1963 from London Hospital Medical College, London & M.D. in 1967 from K.G. Medical College, Lucknow; *Resch Exp*: In the field of Typhoid fever, organo phosphorus poisoning, status lymphaticus etc.; *Pub*: 10 papers on subjects like Musings of a Medico-Legal Mind, Humour in Medicine, Sudden Deaths etc.; *Exp*: Govt. College of Integrated Medicine, Madras; Govt. College, Mangalore; Mysore Med. College; *Knows*: English, Canarese, Tulu, Tamil, French & Hindi; *Visited*: UK; *Hobb*: Acting, writing poems, singing and music; *Add*: c/o P. Krishna Rao, Ground Floor, Flat No. 2, 4, Montieth Road, Madras-8.

RAO, Pinnamaneni Narasimha-Actg. Vice Chancellor of Andhra Univ. & Principal & Prof. of ENT, Guntur Medical College, Guntur; *b* 8 December 1913 at Vijayawada; *Edn*: MBBS in 1939 & M.S. in 1946 from Andhra Univ.; F.I.C.S. & F.A.C.S.; *Pub*: About 20 papers in Indian and foreign journals; *Exp*: King George Hospital, Visakhapatnam 1942; Asstt. Prof. Andhra Medical College 1942-46, Surgeon & Lecturer 1946-47, 1947-52 and 1952-53; Suprenumerary Civil Surgeon, 1953; Prof. & ENT Surgeon 1953-58; on deputation to Australia, 1958; Supdt. & ENT Surgeon, King George Hospital & Prof., Andhra Medical College, 1958-59; Prof., Andhra Medical College & Surgeon, K.G. Hospital, Visakhapatnam 1959-60; *Mem*: Academy of Med. Sciences;

Syndicate, Faculty & Board of Studies of Andhra Univ. ; member of other Univ. bodies ; *Add* : 1st Line, Ramannapet, Guntur, A.P.

RAO, Pola Koteswar—Principal, S.S.L. Law College, Gulbarga since January 1967 ; *b* 13 July 1934 at Endlur in Dist. Guntur ; *Edn* : M.A. (Econ) from BHU & LL.M. from Osmania Univ. ; *Resch Exp*: Doing research for Ph. D. ; *Pub* : On Property under the Indian Constitution, History & Its Lessons, Liberty of the Individual, Fundamental Rights vis-a-vis Directive Principles etc. ; *Exp* : For 2 years practised as an Advocate in Hyderabad High Court ; Lecturer for 1964-67 & Principal since 1967 at S.S.L. Law College, Gulbarga ; *Mem* : Indian Law Institute, Indian Society of International Law, editor of College & Univ. magazines at some times ; *Knows* : Telugu, English, Kanarese, Russian & Hindi ; *Add* : S.S.L. Law College, Gulbarga.

RAO, (Dr) Pulugurtha Hanumanta—Dy. Director, Shri Ram Institute for Industrial Research, Delhi since November 1967 ; *b* 29 August 1926 at Rajahmundry ; *Edn* : M.Sc. (App Chem) in 1952 from Madras Univ. and Dr. rer nat (Chemistry of Water Proofing Agents) in 1957 from Technical Univ., Darmstadt ; *Resch Exp* : For 20 years ; *Pub* : 20 papers in English, German & Swedish ; *Exp*: Theagoraya & Vivekanand Colleges, Madras 1951 ; Madras Univ. ; Industries Dept. of Govt. of Madras ; Bata Shoe Co , India ; *Mem* : Indian Association for the Cultivation of Science, Indian Science Congress, Indian Leather Technologists Association, Calcutta Productivity Council, Institution of Chemists, The Plastic Institute (UK), British Institute of Management ; *Knows* : Telugu, Tamil, Hindi, Bengali, Sanskrit, English, German & Swedish ; *Visited* : Sweden 1952-54, Germany 1956-57, Europe 1961-64 ; *Hobb* : Study of religion and swimming ; *Add* : Shri Ram Institute of Industrial Research, Univ. Road, Delhi-7.

RAO, (Dr) R.V.—Jt. Director of Industries & Visiting Prof. at School of Social Work, Hyderabad since 1954 ; *b* 16 May 1911 at Nidadavol in W. Godavari ; *Edn* : M.A. (Econ) in 1936 from Andhra Univ., B.T. in 1938 from Mysore Univ. & Ph.D. in 1947 from Nagpur Univ. ; *Resch Exp* : Guiding many Ph.D. students ; *Pub* : Cottage Industries and their role in National Economy, Studies in Rural Economy, Our Economic Problems, Cottage & Small Scale Industries and Planned Economy, Gandhian Institutions of Wardha, Indian Handicrafts ; contributed to many journals ; *Honours* : Govt. of India Award on the book of Handicrafts ; the only Economist invited to write a paper on U.S. Economy ; *Exp* : Wardha Arts College, Wardha ; Dharmendra Sinhji College, Rajkot ; Nizam College, Hyderabad ; *Mem* : Indian Economic Association ; editor of Hyderabad Co-operative Journal ; Chairman of Land-Reforms Cttee & Minimum Wages Cttee etc. ; *Knows* : English, Telugu, French & Hindi ; *Hobb* : Social work, swimming and writing ; *Add* : 3-4-674/1, Near Narayanguda Market, Hyderabad-29.

RAO, (Dr) Ravindra Pratap—Reader in Chemistry, Univ. of Gorakhpur since 1965 ; *b* 1 January 1933 at Murila Harpur in Dist. Deoria ; *Edn* : M.Sc. (Org Chem) in 1954 from College of Science, BHU ; Ph.D. in 1960 from Univ. of Gorakhpur & Ph.D. in 1966 from Univ. of Adelaide, Australia ; *Resch Exp* : For 17 years in synthetic organic chemistry, Heterocyclic chemistry and medical chemistry ; *Pub*: Books on A Brief Course in Mechanistic & Structural Organic Chemistry, Vaigyanik Anusandhan & Avishkar (in Hindi), Karbanik Rasayan ; besides over 35 papers in Indian and foreign magazines ; *Exp* : BHU 1955-56 ; Deoria Degree College, Deoria 1956; A.N.S. Degree College, Barh, Patna 1957-58 ; joined Univ. of Gorakhpur in 1958 as Lecturer ; *Mem* : Indian Chemical Society, former member of New York Academy of Sciences, National Academy of Sciences of India, Vigyan Parishad, Australian Association for Cultivation of Science ; editing Journal of Chemical Society of Gorakhpur Univ. since 1960 ; *Visited* : Australia for higher studies ; *Knows* : Hindi, English, German & Sanskrit ; *Hobb* : Chess and social service ; *Add*: Dept. of Chem., Gorakhpur Univ., Gorakhpur.

RAO, Rolla Seshagiri—Regional Botanist, Botanical Survey of India, Poona since 1960 ; *b* 19 August 1921 at Baruva in Dist. Ganjam ; *Edn* : M.Sc. (Bot) in 1942 with first class first from Agra Univ. ; *Resch Exp* : In systematic botany and taxonomy, floristics, cytotaxonomy, plant geography and medicinal plants of India ; *Pub* : A book on Botany of Maharashtra State ; over 70 scientific papers in Indian and foreign journals ; *Exp* : P.R. College, Kakinada for 8 years ; Botanical Survey of India, Shillong 1956-59 ; *Mem*: Indian Botanical Society, Linnean Society of London, International Association of Plant Taxonomists, International Organisation of Biosystematists, A.P. Academy of Sciences, Indian Science Congress, Palynological Society of India, President of Maharashtra Ball Badminton Association (Poona) ; on the Advisory Board of so many institutions ; *Genl* : Leader of the all Indian Cho Oyu Expedition ; travelled Himalayas, Nepal, Sikkim and NEFA ; *Knows* : English, Telugu, Hindi, Bengali & Tamil ; *Visited* : UK, France, Belgium, Netherlands & Switzerland etc. for research work ; *Hobb* : Mountaineering, ball-badminton etc., ; *Add* : Rolla House, Kakinada-2.

RAO, (Dr) (Mrs) Shanta S.—Officer-in-Charge, Reproductive Physiology Unit., Seth G. S. Medical College, Parel, Bombay since 1959 ; *b* 23 January 1923 at Bangalore ; *Edn*: M. Sc. in 1949 from School of Hygiene, Toronto & Ph. D. in 1953 from Haffkine Institute, Bombay ; *Resch Exp* : For over 23 years in biochemical and immunological research with substances having biological and physiological activity ; *Pub* : Over 70 research papers in scientific journals ; *Honours* : Shakuntala Devi Amirchand Prize 1960, G. J. Watumull Memorial Award in 1963 for Family Planning ; *Exp* : Univ. of Bombay; *Mem* : British Society for Study of Fertility, Society for the Study of Reproduction (USA), The International Society for Research on Biology of Reproduction (USA); Society of Biological Chemists (India), Indian Society for the Study of Reproduction and Endocrinology, Family Planning Association of India, ICMR, Consumer Guidance Society (Bombay) ; *Knows* : Konkani, English, Kannada, Hindi & Marathi ; *Visited* : Canada 1947-49, USA 1959 Singapore 1963 & USA 1965 ; *Hobb* : Music and painting ; *Add* : Reproductive Physiology Unit, Seth G. S. Medical College, Parel, Bombay-12.

RAO, (Dr) Singamsetti Surya—Asstt. Prof., I.I.T., Kanpur since October 1965 ; *b* 8 June 1938 at Immidivarappadu in E. Godavari Dist. ; *Edn* : M. E. (Power Engg) in 1960 from Indian Institute of Science, Bangalore & Ph. D. (Hydraulics) in 1965 from Univ. of Iowa, USA ; *Resch Exp* : For nearly 10 years ; *Pub* : A Study of Sediment in Suspension, Diffusion of Sediment in a submerged Jet etc. ; *Exp* : Koyna Hydro-electric Project 1960 ; Harza Engg. Co., Chicago 1965 ; *Mem* : American Society of Civil Engineers ; *Knows* : English, German, French, Telugu & Hindi ; *Visited* : USA 1960-65 ; *Add* : Amalapuram, E. Godavari Dist.

RAO, (Dr) Surapaneni Nageswara—Prof. & Head, Dept. of Horticulture, College of Agri., Hyderabad since February 1967 ; *b* 10 September 1924 at Korimerla in Dist. Krishna ; *Edn* : M. Sc. (Hort) in 1951 from Univ. of California & Ph. D. in 1954 from Michigan State Univ. ; *Resch Exp* : In the field of improvement of vegetables, use of hormones, radio-isotope tracer technique ; *Pub* : Numerous papers on some morphological studies of maleic hydrazide induced dormancy in onions and potatoes, hydrazide as a sprout inhibitor for potatoes ; *Exp* : Agrl. Resch. Institute, M. P. ; Agrl. Univ., Udaipur & Agrl. Univ., Rajendranagar ; *Mem* : Royal Horticultural Society (London), Horticultural Society of India, Sigma Xi, Senate & Academic Council of Vikram Univ. ; *Knows* : Telugu, English, Hindi, German & French ; *Visited* : USA ; *Hobb* : Tennis, golf and photography; *Add* : Dept. of Horticulture, College of Agri., Rajendranagar, Hyderabad.

RAO, (Dr) Suryadevara Subba—Dept. of Geology, Vikram Univ. since July 1961 ; *b* 1 July 1936 at Sekuru in Dist. Guntur ; *Edn* : M. Sc. in 1956 with first class first from Andhra Univ. & Ph. D. (The Geology of the Igneous complex of the Girnar Hills) from Saugar Univ. ; *Resch Exp* : For 12 years ; *Pub* : About 20 papers on petrology and economic geology ; *Exp* : Gauhati Univ. 1957 ; Saugar Univ. 1957-61 and 1964-66 ; *Mem* : Fellow of Geological Mining & Metallurgical Society of India, Mineralogical Society of India, Geological Society of India, Indian Geoscience Association, Geochemical Society of India; *Genl*: Interested in religious works ; *Knows* : Telugu, English, Hindi & German ; *Add* : Dept. of Geology, Vikram Univ., Ujjain.

RAO, (Dr) Takarar Ananda—Incharge of Ecology, Unit, Botanical Survey of India, Calcutta since 1960 ; *b* 16 January 1920 at Bangalore ; *Edn* : M. Sc. (Ecology) in 1944 & Ph. D. in 1955 from Mysore Univ. ; *Resch Exp* : For over 25 years ; *Pub* : Over 60 papers on taxonomy, systematic botany and ecology ; *Exp* : Central College, Bangalore for 3 years ; Institute of Science, Bombay for 3 years ; Gujarat College, Ahmedabad for 8 years ; *Mem* : Indian Science Congress, International Society for Tropical Ecology, Botanical Society of Bengal ; *Knows* : Kannada, Hindi, English & German ; *Hobb* : Photography ; *Add* : c/o Shri T. Ranganatha Rao, 49 Swimming Pool Extension, Malleswaram, Bangalore-3.

RAO, (Dr) V.K.R.V.—Minister of Education, Government of India since February 1969 ; *b* 8 July 1908 at Conjeevaram in Madras State ; *Edn*: M. A. (Econ) in 1929 from Wilson College, Bombay; B. A. (Hons) (Econ) in 1934 & Ph. D. in 1936 winning Adam Smith Prize from Conville & Caius College, Cambridge ; *Pub* : Books—Taxation of Income in India, An Essay on India's National Income, The National Income of British India, War & Indian Economy, India & International Currency Plans, Post-War Rupee, Foreign Aid & India's Economic Development, Essays on Economic Development, Greater Delhi ; *Honours*: Honoris Causa D. Litt. conferred by Delhi Univ. in 1948; *Exp* : Wilson College, Bombay 1929-31 ; Karnatak College, Dharwar 1934-35 ; Andhra Univ. 1936-37 ; L.D. Arts College, Ahmedabad 1937-42 ; Founder-Director of Delhi School of Economics 1949-57 ; Vice-Chancellor, Delhi Univ. 1957-60 ; Founder Director of Institute of Economic Growth 1960-63 ; Prof. Emeritus, Delhi Univ. since 1966 ; *Mem* : Chairman of U. N. Sub-Commission on Economic Development ; Member of Institute de Science, Economique, Applique, Paris ; Correspondent for India of Royal Economic Society (London) ; Governing Council of International Association for Research in Income & Wealth ; President of the Indian Economic Association ; Member Taxation Enquiry Cttee, Press Commission, National Income Cttee, Planning Commission, Indian Agrl. Econ. Conference, Indian Education Conference; Chairman of Governing Body of Demographic Training & Demographic Research Centre, Bombay ; member of numerous Univ. and other national bodies ; *Know* : Tamil, Kannada, Gujarati, Marathi, Hindi & English ; *Visited* ; Australia & UK ; *Others* : (Minister of Transport & Shipping, Govt. of India 1967-69) *Hobb* : Music ; *Add* : c/o Institute of Economic Growth, Univ. Enclave, Delhi-7.

RAO, (Dr) Vasant Dinanath—Head, Dept. of History, Shivaji Univ. since November 1964 ; *b* 2 July 1913 at Bombay; *Edn* : M. A. (History) in 1937 from Elphinstone College ; LL. B. in 1936 from Govt. Law College & Ph. D. in 1946 from Univ. of Bombay ; *Resch Exp* : For over 20 years ; *Pub* : Books—History of the Pathare Prabhu Social Samaj, Dhule Manuscript of Ajnapatra, Prachin Bharatiya Sanskriticha Itihas, Prachin Bharat : Itihas ani Sanskriti, A Maker of Modern Maharashtra etc. ; over 25 papers ; *Exp* : Ram Narain Ruia College, Bombay 1938-64 ; Washington Univ. 1960-61 & San Diego State College, USA 1961-62 ; *Mem* : Jt. Secy., Indian History Congress 1965-67 ; member of various Univ. bodies & Dean, Faculty of Arts, Univ. of Bombay 1958; member of Indian Congress for American History, Indian Cttee for Cultural Freedom etc. ; *Knows*: Marathi & English ; *Visited* : USA 1960-62 ; Japan, UK, France & Italy ; *Add*: Readers' Qr. No. 3, Shivaji Univ. Campus, Kolhapur-4,

RAO, Vasantharao Venkata—Principal, Maharajah's College, Vizianagarm since Dec. 1956 ; *b* 21 February 1909 at Vizianagram ; *Edn* : M.Sc. (Physics) from BHU in 1933 ; *Resch Exp* : In X-rays ; *Pub* : Three text books on Physics for inter classes ; 24 books in Telugu on popular science like—Vijnana Charcha, Suryudu, Viswa Vinyasamu, Viswa Rahasyamu, Nalugu Parimanala Vinthalu, Vijnana Manjari etc.; *Exp:* Joined Maharajah's College in 1935 ; *Mem* : Telugu Encyclopaedia, All India Radio, Academic Council & Senate of Andhra Univ. ; Assessed translations of popular books in Telugu on behalf of various agencies ; *Hobb* : Histrionics and paintings ; *Add* : Vasantha Niketanam, Kaspa, Vizianagram-2.

RAO, (Dr) Vuyyuru Kameswara—Kakatiya Medical College, Warangal since January 1963 ; *b*. 25 August 1927 ; *Edn* : M.D. (Bacteriology) in 1956 from Andhra Medical College, Visakhapatnam ; *Resch Exp* : For 15 years ; *Pub* : Numerous papers in scientific journals of India and abroad ; *Exp* : Andhra Medical College, Visakhapatnam 1956-57 ; Guntur Medical College, Guntur 1957-63 ; *Mem* : Indian Medical Association, Indian Association of Pathologists, International Academy of Pathology ; *Knows* : English & Telugu; *Visited* : USA 1958-59 ; *Add* : Kakitya Medical College, Warangal.

RAO, (Dr) Yerneni Venkateswara — Principal, Akkineni Nageswara Rao College, Gudivada since July 1966 ; *b* 20 February 1932 at Guraza in Dist. Krishna ; *Edn* : M.Sc (Physics) in 1956 from BHU, Ph.D. (Spectroscopy) in 1960 from AMU & Post-doctoral Research during 1963-65 at Univ. of Chicago, USA ; *Pub* : On Vacuum Ultraviolet Resonance Spectrum ; *Exp* : Lecturer 1961-66 and Principal since 1966 at A.N.R. College, Gudivada ; *Mem* : Vice-President. Rotary Club ; *Knows* : Telugu, English, Hindi & German ; *Visited* : USA ; *Add* : A. N. R. College, Gudivada, A.P.

RASTOGI, (Dr) Ghanshyam Das—Dept. of Psychology, Gorakhpur Univ. since 1959 ; *b* 6 October 1929 at Lucknow ; *Edn* : M.A. (Psy) & Ph.D. in 1958 from Lucknow Univ. ; *Resch Exp* : In psychological study of Sikkimese, Bhutanese & Nepalis national character. A survey of living conditions and habits of Gorakhpur Univ. students and their effect on scholastic achievement ; *Pub* : About 15 papers on Training for Leadership, Stealing amongst Juveniles, Gandhi : a charismatic Leader ?, Chinese Aggression etc.; *Exp*: Hony. Judge, Juvenile Court 1964-67 ; Part-time Lecturer of Industrial Psychology at M.M. Engg. College, Gorakhpur ; *Mem* : Indian Psychological Association ; *Knows* : English, Hindi, Sanskrit, French & Tibetan ; *Add* : c/o Shri Baijnath Rastogi, Punjabi Tola, Raja Bazar, Lucknow.

RASTOGI, (Dr) (Mrs) Prabha—Head, Dept. of Psychology & Philosophy, R.G. College, Meerut since 1952 ; *b* 15 January 1927 at Meerut ; *Edn* : M.A. in 1947 with first class Univ. first from Meerut College, Meerut & Ph. D. in 1967 from Agra Univ. ; *Resch Exp* : For more than 5 years in intelligence and intellectual stimulation ; *Exp* : Joined Meerut College, Meerut in 1947 ; *Mem* : Indian Science Congress ; *Genl* : Took active part in India's independece movement ; *Knows*: Hindi & English ; *Hobb* : Dramatics; *Add* : Karmabhumi, 627, Tilak Road, Meerut.

RATAN SINGH, (Dr)—Head of the Dept., U.P. Agrl. Univ. since September 1963 ; *b* 16 July 1916 at Jodhpur ; *Edn* : M.S. (Vety. Surgery) in 1956 from Michigan State Univ., USA ; *Resch Exp* : For nearly 15 years ; *Pub* : Over 20 research articles and 2 Laboratory Manuals ; *Honours* : Awardee of Rao Bahadur R. Swaminathan Iyer Memorial Award 1965 ; *Exp* : Rajasthan College of Vety. & Animal Sciences, Bikaner ; *Mem* : Rajasthan Veterinary Association, Indian Vety. Association, National Rifle Association of India ; *Knows* : English & Hindi ; *Visited* : USA ; *Hobb* : Target shooting, hunting and photography ; *Add* : U.P. Agrl. Univ., Pantnagar, U.P.

RATH, (Dr) Radha Nath—Head, Dept of Psychology, Utkal Univ. since 1958 ; *b* 8 March 1920 at Cuttack ; *Edn*: M.A (Psy) in 1943 from Patna College & Ph. D. in 1948 from London Univ. ; *Resch Exp* : For past over 25 years ; *Pub* : Six books on Psycho-social subjects and over 20 articles in Indian and foreign journals ; *Honours* : Awarded Nehru Prize in 1967 by USSR; *Exp*: Ravenshaw College, Cuttack 1944-58 ; *Mem*: Syndicate, Senate & Academic Council of Utkal Univ.; Sectional President of Indian Science Congress 1962 ; Founder Secy. of Vigyan Prachar Samiti, Founder Secy. of Orissa Education Foundation, Founder Secy. of Oriya Writers' Co-operative Society and many other social organisations; *Visited*: UK in 1946 & 1957, USA, Finland USSR in 1965 & 1967 on educational purposes; *Knows*: Oriya, English, Hindi & Bengali ; *Hobb* : Delivering lectures and organising primary education ; *Add* : Sammukhya Marga, Dolmundai, Cuttack-1.

RATHI, (Dr) Shyam Sunder —Principal, Shree Jain (P.G.) College, Bikaner since August 1967; *b* 1 August 1918 at Dibai in Dist. Bulandshahr; *Edn*: M.A. (Econ) in 1941 with first class first, M. Com. in 1948 with first class 4th, LL.B. in 1942 & Ph. D. (Commerce) in 1960 from Agra Univ.; *Resch Exp*: Ph.D. thesis on Changing Pattern and Policy of Public Debt in India (1939-59); guided many Ph.D. students; *Pub*: A Manual of Essays, Correspondence & Precis-Writing; Artha Shastra ke Mool Siddhant, Advanced Business Economics, Income-Tax Law & Accounts, A Hand Book of Commercial Law etc.; *Exp*: Marwari College, Kanpur 1941-44; D.A.V. College, Kanpur 1944-49; Barahseni College, Aligarh 1949-61; B.R. College, Agra 1961-62; Seth R.N. Ruia College, Ramgarh 1962-67; *Mem*: All India Commerce Association, All India Economic Association; *Knows*: Hindi, Urdu & English; *Add*: Shree Jain (P.G.) College, Bikaner.

RATHO, (Dr) Trinath — Prof. & Head, Dept. of Physics, Regional Engg. College, Rourkela since May 1965; *b* 6 August 1923 at Krupasindhupur in Dist. Ganjam; *Edn*: M. Sc. (Physics) in 1947 from Allahabad Univ. & D. Phil. in 1959 from Univ. of Graz (Austria); *Resch Exp*: For 15 years in wide-angle and low-angle scattering of X-rays and Xray crystallography; *Pub*: Over 20 papers; *Honours*: Awarded Research Fellowship from Univ. of Bonn in 1956 & Research Scholarship by Govt. of W. Germany in 1957; *Exp*: For 15 years as Lecturer in Orissa Educational Service in different Colleges of Orissa; joined R.E. College, Rourkela in 1962 as Asstt. Prof.; *Mem*: Indian Physical Society, Indian Bio-Physical Society, Indian Association for the Cultivation of Science, Indian Science Congress; *Knows*: German, English, Hindi, Telugu & Oriya; *Visited*: W. Germany 1956-57, Austria 1958-59 and other European countries; *Add*: P. O. Krupasindhupur, Dist. Ganjam

RATHOR, (Dr) Hukum Singh — Head, Dept. of Geophysics, BHU since February 1967; *b* 1 December 1916 at Vill. Gularia in Dist. Budaun; *Edn*: M. Sc. (Physics) in 1943 winning 2 Gold Medals & M.Sc. (Maths) in 1950 from Lucknow Univ.; Ph. D. (meteorology) in 1960 from Univ. of Chicago; *Resch Exp*: For over 25 years; *Pub*: A dozen technical papers, several scientific articles in popular journals; *Exp*: Govt. Agrl. College, Kanpur 1943-45; Indian Meteorological Dept., Govt. of India 1945-52; joined BHU in 1952 and since then held different positions; *Mem*: Bharat Ganita Parishad, American Meteorological Society, American Geophysical Union; *Knows*: Hindi, Urdu, English, French & German; *Visited*: USA 1956-60; *Add*: Dept. of Geophysics, BHU, Varanasi.

RATTAN LAL, (Dr) — Toxicologist, I.A.R.I., New Delhi since 1959; *b* 16 November 1918 at Multan in W. Pakistan; *Edn*: M. Sc. (Entomology) in 1942 from Govt. College, Lahore; Assoc. I.A.R.I. in 1944 from I.A.R.I., New Delhi; Ph. D. (Agri Entomology) in 1951 from Punjab Univ.; Training as Fellowship during 1954 from Cambridge Univ.; *Resch Exp*: In economic entomology (toxicology, ecology, biology and bionomics) of insect pests of crops and mite pests; *Pub*: About 85 research articles and many reviews, all of a very high research importance; *Honours*: UK Scholarship during 1954; *Exp*: For last 20 years at I.A.R.I., New Delhi in different positions; *Mem*: Entomological Society of India, Royal Entomological Society (London), Academy of Zoology (Agra); *Genl*: Immense experience in Extension Entomology; gave numerous demonstrations of insect control to cultivators and agrl. teaching staff; *Knows*: English, Urdu, Hindi & Persian; *Visited*: UK; *Add*: Division of Entomology, I.A.R.I., Hillside Road, New Delhi-12.

RAU, (Dr) Mysore Anantaswamy — Regional Botanist, Northern Circle since 1956; *b* 15 August 1916 at Mysore; *Edn*: M. Sc. (Botany) in 1938 & D. Phil. in 1955 from Mysore Univ.; *Resch Exp*: Guided research in Plant Morphology, Embryology, Taxonomy, Ecology & Floristics; *Pub*: A book on Illustrations of West Himalayan Flowering Plants; over 60 articles published; *Exp*: Univ. of Mysore 1938-56; *Mem*: International Society of Plant Morphologists, Silvicultural Research Cttee; *Knows*: English, French, Kannada & German; *Visited*: USA, France & USSR for research and as member of delegation; *Sports*: Member of the Panel of Umpires. Board of Control for Cricket in India 1947-56; *Add*: Regional Botanist, Northern Circle, Botanical Survey of India, Dehra Dun.

RAVAL, Anantrai Manishankar — Director of Languages, Gujarat State since February 1964; *b* 1 January 1912 at Amreli in Saurashtra; *Edn* : M. A. (Gujarati) in 1934 with first class winning Dhruva Gold Medal from Samaldas College, Bhavnagar; *Resch Exp* : For past 35 years; guide for over 30 Ph. D. students; *Pub* : Sahitya Vihar, Gandhakshat, Sahitya-Vivek, Sahitya Nikash, Sameeksha, Samalochana, Granthastha Vangmaya, Gujarati Sahitya-I (medieval); edited with introduction and notes: Nalakhyan, Madan Mohana, Sneh-Mudra, Kalapi-no Kaya-Kalap, Nanalal Madhukosh, Botadkarni Kavya-sarita, Chandrahas-Akhyan etc.; *Honours* : Ranjitram Gold Medal 1955; *Exp* : Gujarat College, Ahmedabad 1934-59; Principal & Prof.. D. K. V. Arts & Science College, Jamnagar 1959-60; *Mem* : General Council of Sahitya Akademi (1962-67); President of Literature Section of Gujarti Sahitya Parishad Sammelan (1967); Vice President of Gujarati Sahitya Parishad; *Knows* : Gujarati, English, Sanskrit & Hindi; *Add* : 2, Sri Sadma Society, Navrangpura, Ahmedabad-9.

RAVAL, Chimanlal Vallabharam — Head, Dept. of Philosophy, Gujarat College, Ahmedabad since 1959; *b* 13 November 1929 at Siani in Dist. Surendranagar; *Edn* : M. A. (Phil) in 1959 from BHU; *Pub* : One book on Bharatiya Darshan, co-author of 2 more books, many papers; *Exp* : Total teaching experience of 24 years; *Mem* : Indian Philosophical Congress; Jt. Secy. of Akhil Bharatiya Darshan Parishad; *Knows* : English, Hindi, Sanskrit & Gujarati; *Add* : Philosophy Dept., Gujarat College, Ahmedabad.

RAVAL, Harshadlal Nathalal — D. K. Arts & Science College, Jamnagar since 1968; *b* 1 July 1927 at Vadnagar in Dist. Mehsana; *Edn*: M. Sc. (Inorg Chem) in 1951 from Vithalbhai Patel Mahavidyalya, Anand; *Pub* : Contributed one chapter in the book 'Akarbanic Rasayanshastra' and a few articles; *Exp* : V. P. Mahavidyalaya, V. V. Nagar 1947-53; R. R. Lalan College, Bhuj 1953-61 ; Gujarat College, Ahmedabad 1961-68; *Genl* : N. C. C Officer, now holding the rank of a Lt.; *Knows* : Gujarati, Hindi, English: *Hobb* : Reading and light music; *Add* : D. K. Arts & Science College, Jamnagar.

RAVINDRAN, G.—Principal, Sree Narayana Polytechnic, Kottiyam Quilon since 1964, *b* 28 Jan. 1931 at Quilon; *Edn* : B. E. (Elec) in 1956 from Govt. College of Techy., Coimbatore; *Exp*: Jr. Engineer, Madras State Electricity Board for 1 year; Kerala State Elec. Board for 1 year; T. K.M. College of Engg., Quilon; joined S. N. Polytechnic as Head of Elect. Engg. Dept. in 1959 and became Principal in 1964; *Knows* : English, Malayalam & Tamil; *Add* : Govindabhavan, Kilikolloor, Quilon-4.

RAVINDRANATH, B. — Prof. & Head, Dept. of Elect. Engg., M. R. Engg. College, Jaipur since May 1967; *b* 10 July 1932 at Vijayawada in Krishna Dist.; *Edn* : UNESCO Fellow (Elect. Power System) during 1960-63 at Moscow Power Engg. Institute, USSR; *Resch Exp* : In the field of Remote Control Telemetry and Power System Protection, *Pub* : Papers on Telemetring, Solid State Devices, Impulse-coded Telemeter etc; *Exp* : BHU 1954-58; I. I. T., Bombay 1958-67; *Mem* : Institution of Engineers (India), Institution of Tele-communication Engineers; *Knows* : English & Russian; *Visited* : USSR ; *Add* : Dept. of Elect. Engg., M. R. Engg. College, Jaipur.

RAVISH CHANDRA — Reader in Elect. Engg., Roorkee Univ. since February1967; *b* 10 July 1937 at Amroha in Dist. Moradabad; *Edn*: M. E. in 1961 with first class first from Bengal Engg. College, Sibpur; *Resch Exp* : Working for Ph. D. in control systems; guiding many students; *Pub* : A few papers; *Exp* : Bengal Engg. College, Sibpur 1959-62; joined Roorkee Univ. in 1962 as Lecturer; *Mem*: Secy. of Elect. Engg. Society of the Univ.; *Knows* : Hindi & English; *Visited* : Canada on Unesco Fellowship; *Add* : Dept. of Elect. Engg., Roorkee Univ. Roorkee.

RAWAT, (Dr) Chandra Bhan — Reader in Hindi, S. V. Univ. since 1960; *b* 19 January 1925 at Lohban in Dist. Mathura; *Edn:* M.A. (Hindi) in 1950 from Lucknow Univ. & Ph. D. (Mathura Zile ki Boli) in 1959 from Agra Univ; *Resch Exp*: For past 10 years; guiding many research workers; *Pub*: Books — Mathura Zile ki Boli, Sur Sahitya: Nava Mulankan, Drishti aur Disha, Ram Charit Manas men Lokvarta, Hindi Bhasha: Vikas aur Vishleshan, Dampati Vakya Vilas; edited many books and contributed a large number of articles; *Exp*: Colleges of Agra Univ. for 3 years; Saugar Univ. for 1/2 year; *Knows*: Hindi, English, Urdu & Gujarati; *Hobb*: Collection of folk literature; *Add*: Dept. of Hindi, S. V. Univ., Tirupati, A.P.

RAWAT, (Dr) Rishi Ram — Head. Dept. of Entomology, J. L. Nehru Krishi Vishwa Vidyalaya since 1957; *b* 1 January 1924 at Vill. Pathrota in Dist. Hoshangabad; *Edn*: Assoc. I.A.R.I. in 1949 from I.A.R.I., New Delhi & Ph. D. in 1958 from Waite Agrl. Research Institute, Adelaide, Australia; *Resch Exp*: For nearly 25 years; *Pub*: Many papers on Hypolixus truncatulus, insect pests, wax moth, peregrinus maidis, Chilo zonellus etc.; *Honours*: Recipient of advance increment in April 1967; *Exp*: Agri. College, Nagpur; I.A.R.I., New Delhi; Waite Agrl. Research Institute, Australia; R.A.K. Agri. College, Sehore; *Mem*: Entomological Society of India; *Knows*: English, Hindi, German; *Visited*: Australia; *Add*: Dept. of Entomology, J.L. Nehru Krishi Vishwavidyalaya, Jabalpur.

RAY, (Dr) Asit Kumar — Dept. of Inorg. Chem., Jadavpur Univ. since January 1958; *b* 1 August 1931 at Calcutta; *Edn*: M Sc. (Chem) in 1952 from Presidency College, Calcutta; Ph. D. in 1959 from Univ. of Calcutta & Dip. (Infra-red Spectroscopy & Nuclear Magnetic Resonance Spectroscopy) from M.I.T., (USA) & Georgetown Univ., USA; *Resch Exp*: For 15 years; *Pub*: Books — Prakiti Path, General Chemistry, Chemistry for Pre-Univ. Students, Chemistry for Beginners in Engineering. Chemistry for Engineers; many research papers; *Exp*: Asutosh College, Calcutta 1953-56; Catholic Univ., USA 1964-65; *Mem*: American Chemical Society; *Knows*: Bengali, Hindi, Sanskrit, English, French & Spanish; *Visited*: USA 1962-65; *Hobb*: music; *Add*: Dept. of Inorg. Chem., Jadavpur Univ., Calcutta.

RAY, (Dr) Jayanta Kumar — Reader, Dept. of International Relations, Jadavpur Univ. since March 1967; *b* December 1934 at Chandpur in Dist. Comilla; *Edn:* M. A. (Pol Sc) in 1955 with first class first winning Sir Surendranath Banerjee Prize from Calcutta University & Ph. D. (The United States-Pakistan Alliance) from Jadavpur Univ.; *Resch Exp*: For past nearly 15 years; *Pub*: Books on Transfer of Power in Indonesia 1942-49, Security in the Missile Age, Democracy and Nationalism on Trial; many papers; *Exp*: Joined Jadavpur Univ. in 1957 as Lecturer; on leave to U.S. 1963-64 and to Indian Institute of Advanced Study, Simla 1966-67; *Knows*: English & Bengali; *Visited*: USA, France & UK 1963-64; *Add*: 309, Jodhpur Park, Calcutta-31.

RAY, Kuber Nath — Prof. & Head, Dept. of English, Nalbari Degree College, Nalbari since 1963; *b* 3 January 1935 at Matsa in Dist. Ghazipur; *Edn*: M. A. (English) in 1958 from Calcutta Univ., Sahitya-Ratna in 1957 from Hindi Sahitya Sammelan, Prayag. Specialisation in 1964 from Central Institute of English, Hyderabad; *Pub*: Books — Priya Nilkanthi, Rupanter, Rasa Akhetak; besides many articles and popular magazines of India; *Exp:* Started at Nalbari Degree College; *Mem:* Assam Sahitya Sabha; *Genl*: A modernist in Hindi essay writing; *Knows*: English, Sanskrit, Bengali, Assamese & Urdu; *Add*: Nalbari Degree College, Nalbari, Assam.

RAY, Pramode Chandra — Psychologist, Anthropological Survey of India, Govt. of India, Calcutta since 1957; *b* 1 January 1916 at Kishoreganj in Dist. Mymensingh; *Edn:* M. Sc. in 1940 from Calcutta Univ. & Cert. in Clinical Psy. in 19[illegible]2 from Institute of Psychiatry, London; *Resch Exp*: For over 20 years in intercultural testing and culture and personality; *Pub:* One book 'The Children of the Abor and Gallong' besides papers on the effect of culture-contact on personality etc.; *Exp*: Started with Anthropological Survey of India, Calcutta in 1957; *Mem:* President of First Session of 8th All India Seminar on Conflict & Tension in Contemporary Indian Societies, Ranchi, 1965;

Knows : English, Bengali & Hindi; *Visited* : UK 1951-52; *Genl*: Initiated culture and personality researches in India and is a pioneer in this field; *Add* : Sri Bejoya Krishna Sadhan Asram, P. O. Narendrapur, Vill. Bejoykrishnapur, Dist. 24 Parganas, West Bengal.

RAY, Santosh Kumar — Prof. & Head, Dept. of Geology, Ravenshaw College, Cuttack since August 1965; *b* 31 January 1908 at Calcutta; *Edn* : M.Sc. in 1931 winning Univ. Gold Medal and Motilal Mallik Gold Medal from Presidency College, Calcutta; *Resch Exp* : In E. Himalaya & Singbum; guided numerous M. Sc. theses; *Pub* : Books — Problems and Patterns in Structural Geology, Gelogical Maps for Exercise, Making of Geological Maps, Fifty Years of Science in India : Progress of Geology, Crystals & their Optics, Elements of Structural Geology, many papers on Petrologic evolution of the Deccan traps, Siwaliks in Lish Valley, West Indian Earthquake etc.: *Exp* : P.G. teacher in Calcutta Univ. 1938 65 and Prof. in Presidency College during 1945-65; *Mem* : Many Univ. bodies; *Knows* : Bengali, English & German; *Add* : Ravenshaw College, Cuttack.

RAYCHAUDHURI, Benoy Chandra — Head, Basic Heat Transfer Section, Central Mech. Engg. Resch. Institute, Durgapur-9 since 1966; *b* 1 July 1925 at Krishnanagar in W.B.; *Edn* : M. Sc. in 1947 from Dacca Univ.; *Resch Exp* : For 20 years in heat transfer and allied subjects; *Pub* : About 40 papers in Indian and foreign journals: *Exp* : M/s Refrigerator's (India) Ltd., Calcutta 1948-49; M/s Magnolia Dairy Products, Calcutta; Univ. of Roorkee 1961-63; Scientist, Central Building Research Institute, Roorkee 1949-65; Indian Association for the Cultivation of Science, Calcutta 1947-48; *Mem* : On various Ctees of Indian Standards Institute; *Knows*: Bengali, English & Hindi; *Visited* : USA, Canada, UK, France during 1957-58; *Hobb*: Sight-seeing, gardening and music; *Add* : Basic Heat Transfer Section, Central Mechanical Engg. Resch. Institute, Durgapur-9 (W.B.)

RAYCHAUDHURI, (Dr) Satya Prasad — Sr. Specialist, Land Resources, Planning Commission, New Delhi since October 1961; *b* 23 April 1904 at Calcutta; *Edn*: M. Sc. (Chem) in 1927 & D. Sc. in 1932 from Calcutta Univ.; Ph. D. (Agri Chem) in 1936 & D. Sc. in 1945 from Rothamsted Experimental Station, London Univ.; *Resch Exp* : For over 40 years in electro-chemistry of colloids, soil chemistry, soil survey, soil classification and land use, soil conservation, fertilisers and manures; *Pub* : A number of books, monographs, bulletins and original papers; *Honours* : Kirtichand Mackenzie Medal, Nagarjuna Prize & Gold Medal, Premchand Roychand Studentship & Mouat Medal at different stages; *Exp* : Univ. of Calcutta 1932-34; Univ. of Dacca 1937-44; Soil Survey Officer 1944-47, Head of Soil Science & Agrl. Chem. 1949-58, Chief Soil Survey Officer 1958-61 at I.A.R.I., New Delhi; *Mem* : Royal Institute of Chemistry (UK), National Institute of Sciences of India, National Academy of Sciences of India, Soil Conservation Society of America, Vice-President of Commission II of the International Society of Soil Science (1954-56); Sectional President of Indian Science Congress 1955 56; President, Indian Society of Soil Science (1960 & 1961); World Academy of Arts & Science: *Knows* : Bengali, English & Hindi; *Visited* : UK 1934-36, USA 1946-47, Italy 1961 & 1963, USSR 1962, Hungary 1964; *Add* : E.C.9, Inder Puri, New Delhi-12.

REAYAT KHAN, (Dr) — Head, Dept. of Botany, A.M.U. since May 1967; *b* 3 February 1915 at Farrukhabad in U.P.; *Edn* : B. Sc. in 1937 with first calss first and winning Gold Medals and Scholarships & M. Sc. in 1939 with first class first from AMU; Ph. D. (Embryology) in 1953 from Univ. of Delhi; *Resch Exp* : For over 30 years; *Pub* : Numerous papers on morphology and embryology of Ephedra and angiosperms, on polyploidy, one book on Story of Life; *Exp* : Dacca Univ. 1939 49; Delhi Univ. 1949-50; joined A.M.U. in 1950; *Mem* : Indian Society of Genetics & Plant Breeding, National Academy of Sciences, International Society of Plant Morphologists, Indian Botanical Society, Indian Society of Plant Physiology, Indian Science Congress, Botanical Society of Japan; *Knows* : English, German, Urdu, Hindi, Bengali & French; *Visited* : UK, France, Germany, Switzerland, Netherlands for higher studies; *Hobb* : Photography; *Add* : Badar Bagh, Aligarh.

REDDIAR, N. Ranganatha — School of Management Studies. Kerala Univ.; *b* 21 August 1933 at Alleppey in Kerala; *Edn* : M.Com. (Marketing, Income Tax) in 1960 from Univ. of Jabalpur & M.B.A. in 1962 from Univ. of Cincinnati, USA: *Resch Exp* : In preparation of questionnaire, collection, tabulation and interpretation of primary data; *Pub* : Expenditure Pattern of Univ. Students, Retail Outlets for Major Kitchen Appliances; *Exp* : The Kroger Co., USA: The Montgomery Ward, USA; *Mem* : Cincinnati Alumnus, Cincinnati; *Knows*: USA; *Add*: School of Management Studies, Kerala Univ., Ernakulam.

REDDIAR, (Dr) N. Subbu — Head, Dept. of Tamil, S.V. Univ. since August 1960; *b* 7 September 1917 at Koltathur in Dist. Tiruchi; *Edn* : M.A. (Tamil) in 1951 & L.T. in 1941 from Madras Univ. & Ph. D. in 1968 from S.V. Univ.; *Resch Exp* : For over 20 years; *Pub* : Books — more than 25 in Tamil; more than 300 papers; *Exp* : Zamindar's High School, Turaiyur for 10 years; Dr. Alagappa Chettiar Training College, Karaikudi for 10 years; *Mem* : Tamil Writers' Association; *Knows* : English, Tamil, Telugu & Hindi; *Add* : Dept. of Tamil, S.V. Univ., Tirupati.

REDDY, Balashowri — Principal, Hindi Teachers' Training College, Madras since 1963; *b* 1 July 1928 at Golla Gudur in Dist. Cuddapah; *Edn*: Sahitya Ratna in 1948 from Allahabad Hindi Univ. & Sahityalankar in 1950 from Hindi Vidya Peeth, Deogarh; *Pub* : Books — Panchamrit, Andhra Bharathi, Telugu Sahitya Ka Itihas, Telugu Sahitya ke Nirmatha, Novels- Prakash aur Par, Sabari, Barrister, Lakuma, Satya ki Khoj, Zindgi Ki Rah, Bhagna Seemayen, Yahi Basti-Ye Log, Swapna aur Satya; Translations— Rudrama Devi, Telugu ki Uthsukrist Kahanian, Atake Ansu, Nayee Dharthi, Telugu ki bees Kahaniyan, Manorama, Vinoda Tarangini etc.; *Honours*: Awarded by Govt. of India Rs. 2000/-; by U.P. Govt. 300/- & Rs. 500/-; by Govt. of India Rs. 1500/-; A.P. Sahitya Akademi Award & Rs. 1116/-; *Exp* : At Hindi Teachers' Training College; *Mem* : Academic Council of Hindi Prachara Sabha, A.P. Sahitya Akademi, A.P. Hindi Writers' Association etc.; *Knows*: Hindi, Telugu, English & Tamil; *Hobb* : Travelling and reading; *Genl* : Currently editing Ankan Quarterly, Chandamama Hindi Monthly, Falcon Hindi Fortnightly & Navta etc.; *Add* : Jyothi Niketan, 25, Vadivelupuram, Mambalam, Madras-33.

REDDY, (Dr) G. Raghava — S.V. Univ. College of Engg., Tirupati since October 1965; *b* 26 January 1937 at Papi Reddi Gari Palle, Dist. Chittoor; *Edn* : M.A. (Econ) in 1960 with first class first & Ph. D. (Wage Policy in India 1951-61) in 1967 from S.V. Univ. College; *Resch Exp* : For 6 years; *Pub* : A few articles on Bonus and Industrial Relations, Rural Problems in Khadi Gramodyog, Labour Problems in Madras, Indian Economics, 1965 (last a book for P.U.C. students); *Exp* : Arts & Science College, Warangal 1963-65; *Knows* : Telugu & Hindi; *Hobb* : Social service; *Add* : Dept. of Economics, S.V. Univ. College of Engg., Tirupati.

REGE, Sadanand Shantaram— Dept. of English, Ramnarain Ruia College, Bombay since 1962; *b* 21 January 1923 at Rajapur in Dist. Ratnagiri; *Edn* : M.A. (English) in 1961 from Kirti College, Bombay; *Pub* : Poems in English and Norwegian; Story collections— Jeevanachi Vastre, Chandane, Chandra Savali Korato, Masa Ani Itar Vilakshan Katha; Poetry — Akshrvel, Gandharva, Devapudhach Diwa (all awarded by Maharashtra Govt.); translations made of some celebrated works; *Exp* : Taught at various institutions in Oslo, Norway before starting in 1962 at R.R. College, Bombay; *Genl* : Painting; held many one-man shows in Norway in 1961; *Visited*: Norway; *Knows*: English, Norwegian & Swedish; *Add*: 2/73, Rajendra Niwas, Matunga, Bombay-19 DD.

REHMAN, (Dr) Shakilur — Reader in Urdu, J & K Univ., Srinagar since 1962; *b* 10 February 1931 at Motihari in Dist. Champaran; *Edn* : M.A. (Urdu) in 1953 with Univ. Gold Medal & D. Litt. (Premchand) in 1961 from Patna Univ.; *Resch Exp* : Guiding many research workers; *Pub* : Adbi Qadrain aur Nafsiyat (Awarded J & K Cultural Academy Award 1967), Faiz Ahmed Faiz ki Shairi, Ye Batain Hamaryan and several other books,; *Honours*: Twice awarded by J & K Cultural Academy; *Exp* : Degree College, Bhadrak 1954-56; S.P. College, Srinagar 1956-58; *Mem* : Faculty & Board of Studies of J & K Univ.; *Genl* : Given several radio talks and plays; *Knows* : English, Urdu & Hindi; *Add* : 15, Jawahar Nagar, Srinagar, J & K.

RITTI, (Dr) Shrinivas — Dept. of History, Karnatak Univ. since 1964; *b* 8 June 1929 at Haveri in Dist. Dharwar; *Edn* : M.A. (Sanskrit Prakrit) in 1952 & Ph. D. in 1964 (on the Yadavas of Devagiri) from Karnatak Univ.; *Resch Exp* : For nearly 15 years; *Pub* : Books—Edicts of Asoka, Inscriptions from Nanded Dist.; about 50 research papers on Epigraphy and History; broadcast several talks on AIR ; *Exp* : Archaeological Survey of India for 8 years; *Mem* : Indian History Congress; *Knows* : Kannada, Tamil, Marathi, English & Sanskrit; *Add*: Dept. of Ancient Indian History, Karnatak Univ ., Dharwar-3.

RIZVI, Syed Saqib Hasan — Head, Dept. of Urdu, Univ. of Udaipur since July 1964; *b* 15 February 1932 at Amroha in Dist. Moradabad; *Edn*: M.A. (Urdu) in 1957 from Agra Univ.; *Resch Exp* : Edited 'Diwan-e-Bayan' with complete glossary; *Pub* : Papers on Role of Urdu Univ. Teachers in the Modern Indian Society; *Exp* : Sr. Basic, High & Hr. Sec. Schools 1955-64; *Mem* : All India Univ. Urdu Teachers Association, Board of Studies in Rajasthan & Udaipur Univ.; *Knows* : Urdu, Persian, English & Hindi; *Add* : Dept. of Urdu, (M.B. College), Univ. of Udaipur, Udaipur.

RODE, (Dr) Keshav Prabhakar—Head of Geology Dept., Univ. of Rajasthan, Udaipur since 1950 ; *b* 3 November 1903 at Chhindwara in M.P. ; *Edn* : M.Sc. (Geol) in 1927 from BHU & Ph.D. (Petrology) in 1939 from Zurich (Switzerland) ; *Resch Exp* : Propounded the New Theory of Sheet Movements and Crystal Evolutions ; guiding numerous Ph.D. students ; *Pub* : A book on Samanya Vigyan and contributed a large number of papers in Indian and foreign magazines ; *Exp* : BHU 1927-41 ; Erskine Prof. of Geology, Andhra Univ. 1941-44 ; Chief Geologist, Rohtas Industries, Dalmianagar 1944-50 ; *Mem* : Fellow of Indian Academy of Sciences, Geological Society of London, Geological Society of India, Palaeontological Society of India, Geologische Vereiningung (Bonn) ; Vice-President of Gondwara Commission 1952-60 ; attended International Geological Congresses at Algiers, Mexico & Delhi ; President of Geology & Geography Section of Indian Science Congress in 1962 ; *Knows* : Hindi, English, Sanskrit, German & Marathi ; *Visited* : Switzerland, Austria, Germany, Sweden Norway, Holland, UK, Mexico, USA & Japan to attend international conferences or to deliver lectures; *Hobb* : Hiking ; *Add*: Dept. of Geology, Univ. of Rajasthan, Udaipur.

ROHTAGI, (Dr) Kunj Behari—Prof. of Law, Delhi Univ. since 1966 ; *b* 5 January 1928 at Delhi ; *Edn* : LL.M. in 1952 from Delhi Univ. & J.S.D. (Company Law) in 1956 from Cornell Univ., USA ; *Resch Exp* : In Managing Agency System in India, A Study of Corporate Management in India, UK & USA; *Pub* : Books—Mercantile Law, Company Law in India —Principles & Practice; *Exp* : Lecturer 1952-61, Reader 1961-66 at Univ. of Delhi ; *Mem* : Corporation of Companies Secretaries (London) ; *Knows* : English, Hindi & Urdu ; *Visited* : USA for higher studies ; *Add* : Dept. of Law, Univ. of Delhi, Delhi-7.

ROY, (Dr) Akhil Chandra—Asstt. Director, C.D.R.I., Lucknow since 1962 ; *b* 1 January 1921 at Potazia in Dist. Pabna ; *Edn* : A.I.I.Sc. (Chem) in 1948 and Ph. D. in 1952 from Indian Institute of Science, Bangalore ; *Pub* : Developed 20 processes for the production of pharmaceuticals ; over 40 papers in Indian and foreign journals ; *Honours* : Awarded Lady Tata Memorial Scholarship for 1947 48 ; *Exp*: Bengal Immunity Co. Ltd., Calcutta for 2 years ; Indian Institute of Science, Bangalore for 5 years ; joined CDRI, Lucknow about 17 years back and held different positions ; *Mem* : Many educational and scientific bodies of India ; *Knows* : English, Bengali & Hindi ; *Visited* : W. Germany 1954-56 ; *Hobb* : Study of Philosophy ; *Add* : Process Development Divn., C.D.R.I., Lucknow.

ROY, Chitta Priya—Principal, Netaji Mahavidyalaya, Arambagh, Hooghly since November 1960 ; *b* 1 September 1927 at Vill. Raghunathpur in Dist. Nadia ; *Edn*: M.A. (Com) in 1950 from Calcutta Univ. ; *Exp* : Started at Netaji Mahavidyalaya, Arambagh, over 17 years ; back *Knows*: English, Bengali & Hindi ; *Add* : Netaji Mahavidyalaya, Arambagh, Dist. Hooghly, W.B.

ROY, Dilip Kumar—Dept. of Physics, I.I.T., New Delhi since June 1967; *b* 20 June 1939 at Berhampur in W.B ; *Edn :* M.Sc. (Physics) in 1961 with first class first winning Univ. Gold Medal from Science College, Patna ; *Resch Exp :* In the field of fabrication technology of semiconductor devices ; *Pub* : On Fabrication of GaAs Tunnel Diodes and detection of its recombination rediation etc. ; *Honours* : Two Medals in B.Sc. ; *Exp*: Regional Institute of Technology, Jamshedpur for 4 years ; *Knows* : Japanese, Hindi, Bengali & English ; *Visited* : Japan 1965-66 for higher education ; *Add* : Kanta Kutir, P.O. Champanagar, Bhagalpur-4.

ROY, (Dr) Durlav Krishna — Head, Division of Applied Biochemistry, Indian Institute of Experimental Medicine, Calcutta since April 1956; *b* 1 July 1916 at Calcutta; *Edn* : M. Sc. (App Chem) in 1939, D. Phil. in 1951 & D. Sc. in 1955 from Calcutta Univ.; *Resch Exp* : For 20 years in Fermentation Technology, Chemistry of Proteins & Enzymes and Production of Enzymes and Antibiotics; *Pub* : Over 50 papers in Indian, German & American papers; *Exp* : Prof. & Head, Dept. of Pharmacy, Birla Institute of Technology, Pilani; *Mem* : Fellow of Institution of Chemists (London), The Royal Institute of Chemistry (UK), Indian Science Congress, Indian Pharmaceutical Association, Ex-Secy. of Association of Scientific Workers of India, Indian Chemical Society, Institution of Chemists of India etc.; *Knows* : English, Bengali, German & Hindi; *Visited* : USA, Canada, UK, France, Italy & Switzerland; *Hobb*: Fishing; *Add* : Indian Institute of Experimental Medicine, 4, Raja S.C. Mallick Road, Calcutta-32.

ROY, (Dr) Gayatri Guha — Dept. of Engg., Jadavpur Univ. since 1958; *b* 26 December 1925 at Mymensingh in E. Pakistan; *Edn* : M.A. (English) in 1948 & D. Phil. in 1955 from Univ. of Calcutta; *Exp* : City College, South Calcutta 1955-58; *Mem* : Visva Bharati Society; *Genl* : Received training in Tagore music and organised many Cultural programmes; *Knows* : Bengali, English & Sanskrit; *Visited* : USA during 1962-63 ; *Hobb* : Music ; *Add* : P-463, Monohar Pukur Road, Calcutta-29.

ROY, Gopinath Krishnagopal — Principal, Anandniketan College of Science, Arts, Commerce & Agriculture, Anandwan, Warora since June 1964; *b* 20 March 1930 at Nagpur; *Edn* : M. Sc. (Physics) in 1953 from College of Science, Nagpur; *Exp* : G.S. College of Science, Arts & Commerce, Khamgaon for 11 years; *Mem* : Academic Council, Court & Board of Studies of Nagpur Univ.; *Genl* : Served in N.C.C. during 1958-64; *Knows :* English, Bengali, Marathi & Hindi; *Hobb* : Gardening, reading books and social activities; *Add*: Anandniketan College, Anandwan, Warora, Dist. Chanda.

ROY, (Dr) Narendra Nath — Dept. of Agrl. Botany, IARI, New Delhi since July 1965; *b* 1 June 1923 at Serajgunge in E. Bengal; *Edn* : Assoc. I.A.R.I. in 1953 from I.A.R.I., New Delhi & Ph. D. (Plant Breeding, Cytogenetics, Vegetable Crops) in 1961 from Cornell Univ., USA; *Resch Exp* : For 15 years in cereal breeding; *Pub* : Ten papers; *Exp* : Dept. of Agri., Govt. of W. Bengal; *Mem* : Sigma Xi, Indian Society of Genetics & Plant Breeding; *Knows* : English, Bengali & Hindi; *Visited* : USA, UK, Germany, Holland, Sweden & Italy; *Add* : Dept. of Agrl. Botany, IARI, Hillside Road, New Delhi-12.

ROY, Prasun Kumar — Principal, Basic Training College, Panisagar since June 1961; *b* 1 June 1925 at Shyamarchar in Dist. Sylhet; *Edn* : M Ed. in 1955 from Central Institute of Education, Delhi; Training in 1960 from Central Institute of English, Hyderabad; *Resch Exp* : Constructed an Interest Inventory and worked on Punishment; *Pub* : On Adult Education, Rural Schools in Tripura, Verbs for first 6 years; *Exp* : D.N. High School, Cachar; K.H. Govt. High School, Dist. Goalpara; P.G. Basic Training College, Agartala; *Knows* : English, Bengali & Hindi; *Add* : P.G. Basic Training College, Panisagar, (Tripura).

ROY, Ram Sagar — Principal, Bihar Agrl. College, Sabour since September 1959; *b* 1 September 1912 at Sarairanjan in Dist. Darbhanga; *Edn* : M. Sc. (Agronomy) in 1948 from Univ. of California, USA; *Resch Exp* : For over 22 years; *Pub* : Books on Udyan Krishi Darshan, Shak Krishi Darshan-both winning awards from Govt. Education Depts.; papers more than 60; *Exp* : Ranchi Agrl. College 1956-59; *Mem* : Sigma Xi, International Horticultural Society, American Society of Horticultural Science, International Botanical Congress, Indian Science Congress, I.C.A.R. (New Delhi), Rotary International and many educational bodies of Bhagalpur & BHU; *Knows* : English, Hindi & Bengali; *Visited* : USA 1947-48; UK, France, Switzerland, Italy & Hawaii on educational tours; *Hobb* : Spiritual and moral discourses; *Add* : Bihar Agrl. College, Sabour, (Bhagalpur.)

ROY, (Dr) Ranendra Narayan — Dept. of English, Nagpur Univ. since July 1961; *b* 1 September 1921 at Dacca; *Edn* : M.A. (English) in 1944 and D. Phil. in 1962 from Calcutta Univ.; *Resch Exp* : In the literature of Victorian Age and History of the English Language; *Pub* : George Bernard Shaw's Philosophy of Life, A Short History of the English Language, Shivaji Meets Afzul Khan and other poems; *Exp* : P.C. Roy College, Calcutta 1946: National College, Nagpur 1946-48; Nowgong College, Assam 1948; S.B. City College, Nagpur 1948-61; *Mem* : Many educational associations; *Knows* : English, Bengali & Hindi; *Genl* : President of Bengali Education Society (Nagpur); *Hobb* : Poetry-writing; *Add* : Dr. R.N. Roy, Congressnagar, Nagpur-1.

ROY, Sailendra Narayan—Reader in Elect. Engg., Univ. of Roorkee since 1959 ; *b* 25 July 1919 at Diwangunj in Dist. Mymensingh ; *Edn* : M.Sc. (Maths) in 1940 from Meerut College, Meerut ; D.I.I.Sc. in 1943 from Indian Institute of Science, Bangalore & M.E. (Power System Engg) in 1967 from Univ. of Roorkee ; *Resch Exp* : In the field of Economic Operation of Power Systems and Transmission Losses ; *Pub* : A few papers ; *Exp* : Public Works Dept. (Military Dept) for 2 years ; Govt. of India Delhi Polytechnic for 2 years ; Thomason College of Engg., Roorkee for 1 year ; *Mem* : Institution of Engineers (India) ; *Knows* : English, Bengali, Hindi, Marathi ; *Hobb* : Gardening and social service ; *Add* : Dept. of Elec. Engg., Roorkee Univ., Roorkee.

ROY, (Dr) Shunil E.—Head, Divn. of Agri. Engg., IARI, New Delhi since December 1964 ; *b* 18 March 1928 at Cuttack ; *Edn* : M.S. (Ag-Engg) in 1953 & Ph.D. in 1956 from Penny. State Univ., USA & Post-doctoral Fellowship in 1957 at Princeton Univ., USA ; *Resch Exp* : For nearly 20 years ; *Pub* : Over 30 research papers on subjects like Compatible Irrigation. Wind Erosion, Soil Loss Prediction, Pumps, Harvesting and Thrashing machinery, Agricultural Implements ; Editor of Allahabad Farmer 1958-61 & Chief Editor of Indian Society of Agrl. Engineers 1965-67 ; *Exp* : Allahabad Agrl. Institute for 4 years; I.I.T. for 3 years ; *Mem* : Sigma Xi, Indian Society of Agrl. Engineers, American Society of Agrl. Engineers, Indian Society of Soil & Water Conservation, Indian Institute of Engineers ; *Knows* : Bengali, Hindi, English, German & Spanish ; *Visited*: USA; *Hobb* : Electronics and hunting ; *Add* : Divn. of Agrl. Engg., JARI, Hillside Road, New Delhi-12.

ROY, Shiva Balak—Principal, Sahibganj College, Sahibganj ; *b* 10 January 1916 at Vill. Rannuchak in Dist. Bhagalpur ; *Edn* : B.A. in 1939 and M.A. (Hindi) in 1942 from Patna Univ. ; *Resch Exp* : In Adhunik Hindi Kavita men Pratik-Vidhan ; *Pub* : Books on 'Dinkar', Sahitya ke Siddhanta aur Kurukshetra, Kalidas ke Saundarya Siddhanta aur Meghootta etc. ; *Exp* : Head of Hindi Dept. at H. D. Jain College, Arrah for 12 years before joining Sahibganj College ; *Knows* : Hindi, English & Bengali ; *Add* : Sahibganj College, Sahibganj, S.P.

ROY, Tamasranjan — Principal, P. G. Basic Training College, P. O. Rahra since April 1963; *b* 1 February 1904 at Dacca; *Edn*: M. Sc. (Chem) in 1928 with first class second from Dacca Univ. & B. T. in 1933 with first class first from Dacca Training College; *Pub*: Books on Sree Ramakrishna & World Culture, Yugacharya Vivekananda, Sree Ma Saradamani, Bharat Bhagini Nivedita, Vivekanander Sikshachinta; many small booklets and articles; *Exp*: During 1928-54 at Schools as Teacher and Head-Master; Govt. Inspecting Officer 1954-63; *Mem*: President, Secy. and member of many educational institutions; *Genl*: Social worker throughout life; *Knows*: English, Bengali & Sanskrit; *Add*: P. G. Basic Training College, Rahra, 24 Parganas.

ROY, (Dr) Udai Narain — Reader in Ancient History, Univ. of Allahabad since December 1966; *b* 1 July 1928 at Gorakhpur; *Edn*: M. A. (History) in 1951 & D. Phil. in 1957 from Allahabad Univ.; *Resch Exp*: D. Phil. thesis on Cities and city-life in ancient India; guiding many research scholars; *Pub*: Books — Indological Studies, Vishva Sabhyata ka Itihasa, Prachin Bharat men Nagar tatha Nagar-jivan etc.; besides over 20 papers; *Honours*: Vishishta Puraskara from U. P. Govt.; *Exp*: Lecturer 1954-66 and Reader since 1966 at Allahabad Univ.; *Mem*: Academic Council and Court of Allahabad Univ.; *Knows*: English, Hindi & Sanskrit; *Add*: 32, New Katra, Allahabad.

ROY GHATAK, (Dr) Bimal Jyoti—Chairman, Discipline of Pharmacology, Regional Research Lab., Jammu since August 1963; *b* 1January 1932 at Shillong; *Edn*: MBBS in 1954 from R. G. Kar Medical College, Calcutta & DTM & H in 1957 from School of Tropical Medicine, Calcutta; *Resch Exp*: For nearly 15 years in pharmacological investigations on Indian medicinal plants; *Pub*: Ten research papers; *Exp*: R. G. Kar Medical College & Hospital, Calcutta 1955-56; C.D.R.I., Lucknow 1957-61; *Mem*: Indian Medical Association, Indian Science Congress, Association of Scientific Workers of India; *Genl*: Interested in social work and associated with many social organisations; *Knows*: Bengali, Hindi & English; *Visited*: UK 1961-62; *Hobb*: Gardening; *Add*: 14, Ballygunge Gardens, Calcutta-19.

S

SABARWAL, (Dr) Kanchan Lata—Principal, Mahila Vidyalaya, Lucknow since 1947 ; *b* 28 August 1918 at Lucknow ; *Edn* : M. A. (Phil) in 1940 winning Gold Medal from Delhi Univ., M. A. (Ancient History) in 1941 from BHU & Ph. D. (Phil) in 1952 from Lucknow Univ. ; *Resch Exp* : in The concept of Shiva in Indian philosophy ; *Pub :* Muk Prashan, Bholi Bhul, Vaishya ki Beti, Bhatakti Atma, Swatantrata ki Or, Samkalpa, Bikhri Larki, Anchaha, Anjani Rahen, Purundhar, Naya Mor, Sneh ke Davedar, Triveni, Lakshmi Bai, Bhigi Palken. Aditya Sen Gupta, Pragti ki Or, Phulon ki Sugandh, Kanton ki Chubhan, Andhi or Tuphan, Bhukh, Kariyan tut gayeen and many others ; *Honours:* Sekasaria Puruskar of Hindi Sahitya Sammelan (Prayag) ; *Exp :* Khalsa College for Women, Lahore for 2 years ; F.C. College for Women, Lahore for 5 years ; *Mem*: President of Principals Association, V. President of Child Welfare (U.P.); Hony. Secy. of Mahila Sahayaka Sangh (U.P.); Academic Council, Arts Faculty of Lucknow Univ.; President, Rashtriya Natya Parishad (U.P.) and host of other social organisations ; *Knows:* Hindi, Sanskrit, English & Bengali ; *Visited*: Australia, USA and some of European countries ; *Hobb :* Dance, drama, music, art and literature; *Add :* Mahila Mahavidyalaya, Lucknow.

SACHDEVA, (Dr) Yudh Veer - Prof. of Surgery & Principal, Medical College, Amritsar since 1962; *b* 10 August 1913 at Lahore; *Edn:* MBBS in 1936 & M.S. in 1942 from K.E. Medical College, Lahore; *Exp:* Prof. of Surgery & Clinical Surgery, Medical College, Amritsar since 1947 ; Advisor in Medical Education to Punjab Govt.; *Mem:* Indian Academy of Medical Sciences, International College of Surgeons, College of Chest Physicians, member of Indian Medical Delegation to Soviet Russia in 1955; Dean, Medical Faculty of Panjab Univ.; Convenor of Board of Studies and member Syndicate of Univ.; *Visited:* UK, Japan, Austria, USA, USSR; *Knows:* English, Hindi & Punjabi; *Genl:* Specialisation in Urological surgery and treatment of burn injuries; *Add:* Medical College, Amritsar.

SADANA, (Dr) S. R. - Head, Dept. of Dermatology, Medical College, Amritsar since April 1960; *b* 9 January 1918 at Rawalpindi; *Edn*: D.T.H. in 1946 from School of Tropical Medicine, Calcutta; D.C.H. (Diseases of Children) from Bombay Univ.& M.D. in 1958 from Medical College, Amritsar ; *Pub* : About 15 papers on subjects like human blood, pink diseases of skin, dermatology and venereology etc.; *Exp*: For past 13 years at Medical College, Amritsar; *Mem*: Indian Academy of Medical Sciences, Indian Association for Advancement of Medicine, Indian Association of Dermatologists & Venereologists, International Society of Tropical Dermatology, Indian Medical Association, British Medical Association etc.; *Knows:* English, Hindi, Urdu & Panjabi; *Visited*: Various Institutes in UK for advanced training; *Hobb:* Photography; *Add:* Medical College, Amritsar.

SADAPHAL, (Dr) Manmohan Neelkanth - In-charge, Soil Fertility Section, Agronomy Dn., I.A.R.I., New Delhi since March 1966; *b* 9 May 1930 at Khapa in Dist. Nagpur; *Edn*: M.Sc. in 1952 from B. R. College, Agra & Ph. D. (Agri. Chem) in 1958 from IARI & Nagpur Univ.; *Resch Exp*: For ten years in plant nutrition, fertilizer use and soil fertility; *Pub* : A few papers; *Exp:* Farm Supdt. of 600 acre machanized farm; *Mem:* Indian Society of Agronomy, Indian Society of Soil Sciences, Pusa Research Society ; *Knows :* Hindi, Marathi, Sanskrit, English & Kannada; *Hobb:* Fine art and classical music; *Add:* Divn. of Agronomy, I. A. R. I., Hillside Road, New Delhi-12.

SADHU, S. L. - Principal, Govt. College, Baramulla, J & K since March 1964 ; *b* 17 August 1917 in J & K; *Edn:* M. A. (English) in 1938 with first rank in Univ. of Delhi; *Pub*: Books - Folk Tales from Kashmir, Tales from the Rajatarangini, Birbal etc.; besides many papers on famous books; *Honours*: J & K Academy Award and many others; *Exp:* S. P. College, Srinagar ; Govt. College, Sopore ; P. G. Dept. of J & K Univ.; Govt. College, Bhadarwah; Govt. College, Udhampur; *Mem:* Senate, Syndicate of J & K Univ.; *Knows:* English, Hindi, Urdu & Kashmiri; *Hobb:* Trekking and swimming; *Add:* Govt. College, Baramulla, J & K.

SAFAYA, (Dr) Raghunath - Prof. of Education, Govt. Training College, Jullundur since January 1962; *b* 11 January 1924 at Srinagar in J & K; *Edn:* M. A. (Sanskrit) in 1948 from Panjab Univ., B. T. in 1946 from P. W. College. Jammu; M. A. (Hindi) in 1954 from Panjab Univ.; M. Ed. in 1952 from Central Institute of Education, Delhi & Ph. D. (Indian Psychology) in 1968 from Punjab Univ.; *Resch Exp:* In research methodology, basic education; guided numerous research students; *Pub:* Books - Current Problems in Indian Education, Hindi Shikshan Vidhi, Teaching of Sanskrit, Sanskrit Shikshan Vidhi, Teaching of English, Educational Psychology & Guidance, Development of Educational Theory and Practice, School Organisation and Administrator, Bhasha aur Sahitya ki Vivechana, Hindi Spellings, Contribution of Kashmir to Sanskrit Literature etc.; about 100 papers in various journals; *Mem:* Senate, Board of Studies. Faculty of Punjab Univ.; member of NCERT for Hindi Text Books, Punjab Educational Forum, AIR Advisory Board; *Exp:* Teacher in recognised Schools 1943 - 50 ; P. U. Evening Camp College, New Delhi 1950 - 54; Govt. Basic Training College, Chandigarh and later as Prof ; *Genl :* Delivered over hundred extension lectures on educational topics, over 20 radio talks ; *Knows :* English, Urdu, Sanskrit, Panjabi & Kashmiri; *Hobb*: Kitchen gardening; *Add:* 498, Q Street, Sector 15 A, Chandigarh.

SAHA, (Dr) Amarendranath - Dept. of App. Chem., Univ. College of Techy, Calcutta since 1950; *b* 15 November 1908 at Kumari in Dist. Nadia; *Edn:* M. Sc. (App Chem) in 1932 & D. Phil. in 1951 from Univ. College of Sc. & Techy.; *Resch Exp:* For nearly 4 decades; *Pub*: Over 60 research papers in Indian and foreign journals; *Exp:* Indian Jute Mills Association Research Institute for 13 years; for past 25 years at Univ. College of Sc. & Techy., Calcutta; *Mem*: Institute of Petroleum, International Society for Fat Reseach, Indian Chemical Society, Indian Science Congress; *Visited:* Holland, France, UK, W. Germany & Hungary for further education in Petroleum Technology and attending conferences *Add:* Univ. College of Sc. & Techy., Calcutta Univ., Calcutta - 9.

SAHA, (Dr) Hiralal - Principal, Nilratan Sircar Medical College, Calcutta since 1965; *b* 30 April 1914 in Dist. Midnapore; *Edn:* Ph. D. in 1956 from Queen Elizabeth Hospital, Birmingham, UK; *Resch Exp*: For 15 years; *Pub:* Over 50 papers mainly on bio - chemical changes in blood in cholera cholera, stool, endocrine changes in rats at high altitutde, climbing, pneumonectomy, high altitude physiology; *Honours:* Hony. Advisor to Himalayan Mountaineering Institute, Darjeeling; *Exp*: Prof., Dacca Medical College 1946; Lake Medical College, Calcutta 1947; joined N. S. Medical College in 1948 and since then held different positions; *Mem*: Physiological Society of India, Association of Physiologists & Pharmacologists of India, Indian Medical Association, Cardiological Society of India and many other professional bodies; *Knows*: English, Hindi & Bengali ; *Visited :* UK and W. Europe 1954 - 56 and 1960; *Add*: N. S. Medical College, Calcutta - 14.

SAHAI, Satya - Principal, Municipal College of Arts & Commerce, Kharsia since 1964 ; *b* 15 May 1922 at Raneh in Dist. Damoh; *Edn:* M. A. (Econ) in 1948 from Allahabad Univ.; *Pub:* Books - Prarambhik Arthasastra, Arthasastra Praveshika, Naveen Uchatar Prarambhika Arthasastra, Arthasastra ki Bhoomika; *Exp:* S. B. R. P. G. College, Bilaspur for 15 years; Principal, Jangjir Degree College 1958 - 60; Vice - Principal, S. B. R. College 1960 - 64; *Mem*: All India Economic Association; *Knows*: Hindi & English; *Add*: Municipal College of Arts & Commerce, Kharsia, M. P.

SAHARIA, (Dr) Gobind Swarup—Dept. of Chemistry, Univ. of Delhi since 1945; *b* 8 November 1913 at Vill. Pilkhana in Dist. Aligarh; *Edn*: M.Sc. (Chem) in 1935 with first class first, Ph. D. (Org Chem) in 1938 & D. Sc. in 1961 from A.M.U.; D.I.C. in 1952 from Imperial College of Science & Techy., London; *Resch Exp*: For over 35 years; *Pub*: Books-Bhojan aur Swasthya, a text book of Analytical Chemistry; over 70 research papers in journals of repute; *Exp*: A.M.U. for 2 years; Agra Medical College, Agra for an year; Govt. Delhi Polytechnic for 3 years; *Mem*: Royal Institute of Chemistry (London), Indian Chemical Society, Indian Science Congress; Univ. bodies; *Knows*: English, Hindi & Urdu; *Visited*: UK & Switzerland; *Add*: Dept. of Chemistry, Delhi Univ., Delhi-7.

SAHOO, Balaram—Principal, Bhadrak College, Bhadrak since July 1964: *b* 3 May 1928 at Barapur in Dist. Balasore; *Edn*: M.A. (Phil) in 1952 from BHU; *Resch Exp*: In ethical ideas of Mahatma Gandhi; *Exp*: Teaching for past 18 years at Bhadrak College; *Mem*: Senate, Academic Council, Syndicate, Board of Studies of Utkal Univ.; President of All Orissa Non-Govt. Colleges Teachers' Association; Vice-President of All India Federation of Univ. & College Teachers' Organisations; *Knows:* English, Hindi, Bengali & Oriya; *Hobb:* Literary and students' service; *Add:* Bhadrak College, Bhadrak, Orissa.

SAHU, (Dr) Bishwanath - College of Agri., Bhubaneswar since 1954; *b* 1 August 1910 at Kalantrira in Dist. Cuttack; *Edn:* M. S. A. (Soil Fertility) in 1949 from Ontario Agrl. College, Canada & Ph. D. from Michigan State College, USA; *Resch Exp:* For nearly 15 years; *Pub:* Books - Land Utilisation in Orissa, Pani Paribachasa, Puspa Chas, Falachasa, Dhana, Ama Machha Sampad, Ghasa, Gomangala O Chaikitsa (in 3 volumes); over 30 research papers, *Exp:* Agoronomist to Govt. *Mem:* Indian Science Congress, Indian Society of Agronomy, Indian Society of Soil Sciences; *Honours:* Orissa Sahitya Academy Award; Sectional President of Indian Science Congress (1967); *Knows*: Oriya, English, German, Hindi & Bengali; *Visited*: Canada, USA, Japan, England, France & Italy; *Add:* Govt. College of Agri., Bhubaneswar.

SAHU, (Dr) Keshab Chandra - Head, Dept. of Dermatology, Venereology & Leprology, S. C. B. Medical College, Cuttack since 1952; *b* 1 July 1917 at Kendrapara in Dist. Cuttack; *Edn*: D. T. M. & H. in 1948 from Liverpool, D. C. H. in 1949 from Royal College of Physicians & Surgeons (London), D. P. H. in 1947 from UK, F. D. S. in 1952 from UK, M. D. in 1963 from Patna Univ., Ph. D. in 1965 from Utkal Univ. & F. A. A. D. in 1967 from USA; *Resch Exp:* For last 20 years guiding research workers; *Pub:* 2 Books, 35 papers, 1 dissertation and theses; *Honours:* Received several awards for best popular scientific publications in the field of skin and venereal diseases; *Exp:* Since 1949 teaching Degree & P. G. classes at S. C. B. Medical College; *Mem:* Indian Medical Association, Indian Science Congress, Vice-President of Dermatological Society of India, Member of Senate, Academic Council & Board of Studies of Utkal Univ.; *Knows:* Oriya, English, Hindi & Bengali; *Visited*: UK, Ireland, France & Italy; *Hobb:* Excursions; *Add:* Professorpara, Cuttack-3.

SAINI, (Dr) Arjun Dev - Plant Physiologist, Central Botanical Lab., Calcutta since 1964; *b* 22 May 1928 at Hoshiarpur; *Edn:* M. Sc. (Bot) in 1952 from Institute of Plant Industry, Indore; Assoc. IARI in 1955 & Ph. D. in 1960 from I. A. R. I., New Delhi; *Resch Exp:* For 18 years; *Pub:* Nearly 30 research papers; *Exp:* For 6 years P. G. teaching at IARI, New Delhi; *Mem:* Indian Society of Plant Physiology, Indian Science Congress; *Knows:* English, Hindi, Urdu & Panjabi; *Add*: Physiological Unit, Central Botanical Lab., Botanical Survey of India, Calcutta-14.

SAIYIDAIN, (Dr) K. G. - Director, Asian Institute of Educational Planning & Administration, New Delhi since April 1966; *b* 14 February 1904 at Panipat; *Edn:* Dip. in Education from Leeds Univ.; M. Ed. (Modern Educational Tendencies in Europe & America) from Leeds Univ.; D. Litt. (Honoris Causa) in 1962 from AMU; *Pub:* 17 books in English & 6 in Urdu, some of them - Education of the National Character, Man in the New World, The Faith of an Educationist, The Humanist Tradition in Indian Educational Thought, Usul-i-Talim, Ruh-i-Tahzib, Qaumi Seerat ki Tashkil; Shahid-i-Wafa, Andhi men Charagh etc.; *Exp*: Principal, Trg. College, AMU 1926-38; Director of Education, J & K 1938-45; Educational

Advisor, Rampur State 1945-47 & to Bombay Govt. 1947-50; Ministry of Education (as Jt. Secy., Secy. & Ednl. Advisor) 1950-61; Visiting Prof. USA 1958, 1962-63, 1964; Member, Indian Education Commission 1964-66; *Mem*: UGC, Secondary Education Commission. Central Advisory Board of Education (also Secy), Indian Council for Cultural Relations (also Vice-President), Academy of Letters, Senate & Syndicate of various Universities in India, Educational Panel of the Planning Commission, Indian Delegation to UNESCO (1945, 1946, 1953, 1956 & 1958), Govt of India delegate to various Unesco & international educational bodies; member of countless social, educational and cultural organisations in India and abroad; *Honours*: Padma Bhushan, presented Commemoration Volume by President of India on 60th birthday, Academy of Letters Award (1964); *Visited*: Practically all over the world several times for education, to attend conferences or as Govt. of India delegate; *Add*: Jamia Nagar, New Delhi.

SAJJAN, G. B.—Principal, S. B. College of Arts, Gulbarga since November 1967; *b* 12 May 1931 at Bijapur; *Edn*: M. A. (English) in 1955 from Karnatak College, Dharwar; *Exp*: Rajaram College, Kolhapur for 3 years; S. B. Arts College, Bijapur for 10 years; *Mem*: Senate of Karnatak Univ.; *Knows*: Kannada, Hindi, English & Marathi; *Add*: Gacchin-nath Street, Bijapur.

SALAM, (Dr) Muhammad Abdus—Principal, Arts & Science College, Secunderabad since 1962; *b* 26 February 1912 at Hyderabad; *Edn*: M. Sc. (Mycology & Plant Pathology) from Osmania Univ. & Ph. D. from Belfast (North Ireland) Univ.; *Resch Exp*: For the first time reported 12 new species and new genes of fungi from Hyderabad; guided many students for Ph. D.; *Pub*: About 35 research papers; *Honours*: A fungus has been named after his name by an English Professor; *Exp*: For past 37 years at Osmania Univ; *Mem*: Exhibition Society (Hyderabad), Convenor of Horticulture Show of All India Industrial Exhibition for the past 4 years; Examiner of various Universities for M. Sc. & Ph. D.; *Knows*: English, Arabic & Urdu; *Visited*: UK and the Continent; *Add*: Arts & Science College, Secunderabad-3.

SALEM, Gumliel Guy—Principal, Maharja's Technological Institute, Trichur since June 1967; *b* 12 December 1927 at Ernakulam, Kerala; *Edn*: B.E. in 1950 from Madras Univ. & M.S. (Thermal Power) in 1961 from Cornell Univ., USA; *Resch Exp*: In temperature determination of rotating bodies; *Pub*: A few papers and popular articles; *Exp*: Madras State Electricity System; S.V.O.C.—Madras Territory; T.K.M. College of Engineering, Quilon; Govt. Polytechnic, Kalamassery; Govt. Polytechnic, Perinthalmanna; *Mem*: American Society of Mechanical Engineers, Sigma Xi; *Genl*: Obtained Certificate of International Co-operation Administration (USA); *Knows*: English, Malayalam & Hindi; *Visited*: USA for higher training; *Add*: Jew Town, Cochin-2.

SALUJA, (Dr) Sunder Singh—Principal, College of Mining & Metallurgy, BHU since September 1966; *b* 23 June 1927 at Wasu in W. Punjab; *Edn*: 1st Class Mine Managers Certificate in 1953 from Dept. of Mines, Govt. of India; Specialist Course in 1954 from Univ. of Sheffield, UK; M.S. (Mining Engg) in 1961 from Univ. of Illinois, USA & Ph. D. (App Geology) in 1963 from Univ. of Wisconsin; *Resch Exp*: In roof bolting, spontaneous heating of coal, mechanism of rock fracture under the action of explosives; *Pub*: Numerous papers on mining problems; *Honours*: Colombo Plan Scholarship, USAID Exchange Fellowship, First Indian to receive Nuffield Foundation Fellowship; *Exp*: Mining Engineer in Mica Mines; Manager in Coal Mines; *Mem*: Jt. Board of Mining Engineering Education & Training, Executive Council of Central Mining Research Station (Dhanbad), Mining Geological and Metallurgical Institute of India, Geological Mining Society; *Visited*: USA, UK, USSR, Canada, W. European countries, Australia, Philippines, Burma & Japan etc.; *Knows*: Punjabi, Hindi, Urdu, English & French; *Add*: A—1, Principal Colony, BHU, Varanasi-5.

SAMAL, (Dr) Ghanasyam—Reader & Head of Mathematics Dept., Ravenshaw College, Cuttack since August 1967; *b* 19 July 1927 at Vill. Manatira in Dist. Cuttack; *Edn*: M.A. (Maths) in 1950 with first class first winning Gold Medal from Ravenshaw College, Cuttack & Ph.D. in 1961 from Birkbeck College, London; *Pub*: On the number of real roots of a random algebraic equation, continuity in probability of a certain random series; *Exp*: S.K.C.G. College, Parlakimedi; S.C.S. College, Puri; *Mem*: Indian Mathematical Society; *Knows*: Hindi, English & Oriya; *Visited*: UK, France, W. Germany, Belgium, Switzerland & U.A.R.; *Hobb*: Writing popular articles on scientific subjects, photography; *Add*: Ravenshaw College, Cuttack.

SAMARTHA, (Dr) S.J.—Principal, Serampore College, Serampore since 1966; *b* 7 October 1920 at Karkal in S.K. Dist.; *Edn*: S.T.M. (Phil) in 1950 from Union Theological Seminary, New York; P.G. Study at Hartford Seminary Foundation, Hartford, USA; P.G. Study at Univ. of Basel, Switzerland; Ph. D. in 1958 from Hartford Seminary Foundation; *Pub*: The Hindu View of History, I Will Lift Up Mine Eyes, Introduction to Radhakrishnan; Chapters contributed to books published in Germany, Britain & India; *Exp*: Principal, B.M. Theological Seminary, Mangalore 1952-60; Director, United Theological College, Bangalore 1960-65; Fulbright Visiting Professor, Park College, USA 1965-66; *Knows*: Kannada, Sanskrit & German; *Visited*: USA, Europe; *Add*: Serampore College, Serampore, W. Bengal.

SAMPATHKUMARACHAR, (Dr) Embar—Reader in Maths., Karnatak Univ. since 1966; *b* 10 June 1936 at Mallur in Dist. Bangalore; *Edn*: M. Sc. (Maths) in 1958 from Mysore Univ. & Ph. D. in 1966 from Karnatak Univ.; *Resch Exp*: For nearly 10 years; *Pub*: Book - Some Studies in a Boolean Algebra besides papers in journals; *Exp*: joined Karnatak Univ. in 1959; *Knows*: Kannada, Tamil & English; *Add*: Dept. of Maths., Karnatak Univ., Dharwar.

SAMPATH KUMARAN, (Dr) Devanbu—Assoct. Prof. of Physiology, Vety. College, U.P. Agrl. Univ. since September 1967; *b* 1 August 1903 at Bangalore; *Edn*: L.V.P. in 1930 from Punjab Vety. College, Lahore; M.A. in 1947 & Ph. D. (Endocrinology & Genetics) in 1949 from Missouri Univ., USA; *Resch Exp*: For over 30 years in animal reproductive physiology; *Pub*: Books—Artificial Insemination & Animal Reproduction, Sexchromatin & Applied Cytogenetics, Experimental Physiology & Biochemistry; over 50 scientific papers; *Honours*: Recipient of Cross of Honours; *Exp*: I.A.A.I., N.D.R.I. & I.V.R.I. for 19 years; Vety. College, Jabalpur for 2 years; *Mem*: Royal Microscopical Society (London), Zoological Society of London, Royal Society of Health; *Knows*: German, French and many Indian languages; *Visited*: USA, Europe, Canada & Middle East; *Add*: Vety. College, U.P. Agrl. Univ., Pantnagar, U.P.

SAMUEL, Kadakaseril William—Principal, Peet Memorial Training College, Mavelikara since June 1967; *b* 29 November 1926 at Karunagapally in Dist. Quilon; *Edn*: M.A. (English) from Univ. College, Trivandrum; B.T. from Meston Training College, Madras; M.A. (English) from Univ. of Colorado, USA and other training courses passed in Methods of Teaching English; *Exp*: C.M.S. Secondary Schools for 8 years; C.M.S. College, Kottayam, Senior Lecturer for 11 years; *Knows*: English & Malayalam; *Visited*: USA; *Add*: Kadakkaseril, Karunagappally, Kerala.

SANDESARA, (Dr) Bhogilal—Director, Oriental Institute & Prof. & Head, Dept. of Gujarati, M.S. Univ. of Baroda since 1958; *b* 13 April 1917 at Sander in Dist. Mehsana; *Edn*: M.A. (Guj) in 1943 winning Diwan Bahadur K.H. Dhruva Gold Medal & Ph. D. (Sanskrit) in 1950 from Bombay Univ.; *Resch Exp*: For nearly four decades; *Pub*: 30 books in Gujarati, English & Hindi and about 300 papers; *Honours*: Ranjitram Gold Medal from Gujarat Sahitya Sabha, Narmad Gold Medal, Special Fellow 1956-57 of Rockefeller Foundation; *Exp*: B.J. Institute of Learning & Research, Ahmedabad for 8 years; Univ. of Baroda for past 18 years; *Mem*: Sectional President of All India Oriental Conference (1959); member of several university bodies;

Knows : Gujarati, Hindi, Marathi, Sanskrit, Prakrit & English ; *Visited* : UK, W. Germany, Switzerland, France, USA, Japan, Singapore, Thailand & Cambodia ; *Hobb* : Travel ; *Add* : Dept. of Gujarati, M.S. Univ. of Baroda, Baroda.

SANDIL, Jagdishnarayan Baikunthnarayan—Principal, Gujarat College, Ahmedabad since May 1967 ; *b* 16 November 1912 at Brindaban in Dist. Mathura ; *Edn* : M.Sc. (App Maths) in 1935 from Gujarat College, Ahmedabad ; *Pub* : A number of text books in Gujarati in Maths. and Physics for U.G. classes ; *Honours* : Daxina Fellow 1930-32, H.P.T. Mulji Scholarship from Bombay Univ. ; *Exp* : L. D. Arts College & M. G. Science Institu e, Ahmedabad 1937-52 ; Principal & Prof. of Maths., Samaldas College, Bhavnagar 1952-62 ; Principal & Prof., D.K.V. College, Jamnagar 1962-67; *Mem* : Indian Science Congress ; Senate of S.P. Univ. ; Academic Council, Senate of Gujarat Univ., former Dean of Science Faculty etc. ; *Knows* : Gujarati, Hindi & English ; *Hobb* : Classical Music and bridge ; *Add* : Gujarat College, Ellis Bridge, Ahmedabad-6.

SANDILVI, (Dr) Salam—Dept. of Urdu, Gorakhpur Univ. since 1959 ; *b* 25 February 1919 at Sandila in Dist. Hardoi ; *Edn* : M.A. (Urdu) in 1949, M.A (Persian) in 1949 & LL.B. in 1948 from Lucknow Univ. ; M.A. (History) in 1952 from Agra Univ. ; Ph.D. (Urdu) in 1957 & D. Litt. in 1964 from Lucknow Univ. ; *Pub* : Books - Adab ka Tanqidi Mutalia (in 5th edition), Kabe men Sanam Khana, Adabe Ishare, Urdu Rubaiyat, Saghar-O-Mina, Nikhat-O-Noor, Sham-O-Shafaq, Urdu Shairi men Manzar Nigari ; *Exp* : AIR since 1950 ; joined Univ. of Gorakhpur in 1959 ; *Mem* : Executive Council of Anjuman Taraqqi Urdu ; *Knows* : English, Persian, Urdu & Hindi ; *Hobb* : Gardening ; *Add* : Urdu Dept., Gorakhpur Univ., Gorakhpur.

SANDLE, (Dr) Nand Kishore—Dept. of Chemistry, I.I.T., New Delhi since March 1965 ; *b* 15 June 1936 at Thor in Dist. Kangra (H.P.) ; *Edn* : M.Sc. (Phy Chem) in 1960 & Ph. D. (Chem) in 1967 from Punjab Univ. ; *Resch Exp* : For seven years in the physico-chemical properties of carbon surfaces, surface properties of mild oxidising catalysts, reaction kinetics ; *Pub* : Ten articles on subjects like surface characteristics of some silica gels etc. ; *Exp* : Punjab Univ. for 5 years ; *Mem* : Indian Chemical Society ; *Knows* : Hindi, English, Panjabi, Urdu & German ; *Add* : Dept. of Chemistry, I.I.T., Hauz Khas, New Delhi-29.

SANGAL, (Dr) Parmatma Sharan—Law Dept , Allahabad Univ. since January 1959 ; *b* 15 April 1934 at Miranpur in Dist Muzaffarnagar ; *Edn* : LL.B. in 1955, LL.M. in 1958 & Ph.D. in 1966 from Allahabad Univ. ; *Pub* : Several papers on subjects like Ultra-vires and companies, abuse of authority by majority of shareholders, Royal British Bank, Products Liability : Some Developments etc. ; *Exp* : Started with Allahabad Univ. ; *Mem* : Indian Law Institute, President of Allahabad Univ. Law Forum, participated in numerous Seminars and Conferences ; *Knows* : Hindi, Urdu & English ; *Add* : c/o Shri J.N.P. Goel, 26, Tula Ram Bagh, Allahabad.

SANGAR, (Dr) Satya Prakash—Reader in History, Panjab Univ. since 1960 ; *b* 9 February 1917 at Mainpuri ; *Edn* : M.A. (History) in 1941 with first class first from Panjab Univ. & Ph. D. in 1957 from Poona Univ.; *Pub* : A book - Crime & Punishment in Mughal India ; over 25 research papers in eminent historical journals ; *Honours* : U.P. Govt. Prize ; *Exp* : F.C. College for Women, Lahore 1942-43 ; Doaba College, Jullundur 1943-45 : D.A.V. College, Lahore 1945-47 ; Govt. Hamidia College, Bhopal 1949-50 & 1952-59 ; Madhav College, Ujjain 1959-60 ; *Genl* : Author of 16 Hindi and three Urdu books of fiction, one-act plays, satire and travelogue ; regular contributor to Urdu & Hindi literary journals ; *Mem* : Convenor, Halqa-i-Danishwaran, Bhopal 1952-60 ; Convenor, Sahitya Samaj, Bhopal 1952-60 ; Convenor, Univ. Sahitya Sangam, Chandigarh since 1960 ; President, Anjuman Taraqui Urdu, Chandigrah ; *Knows* : English, Hindi & Urdu ; *Hobb* : Writing and travel ; working on social life in Mughal period ; *Add* : Dept. of History, Punjab Univ., Chandigarh-14.

SANGHVI, (Dr) Lalbhai Madhavlal—Prof. & Head, Dept. of Medicine; Principal, S.M.S. Medical College & Controller of Attached Hospitals, Jaipur since 1964; *b* 29 November 1914 at Ahmedabad; *Edn*: D.T.M. & H. in 1939 with Duncan Medal from London Univ. & M.R.C.P. in 1940 from Royal College of Physicians of London; *Resch Exp*: For over 15 years in studies of action of chloroquine & potassium on cardiovascular system, dye dilution curves in mitral stenosis, acidosis in patients with coronary heart diseases, triple tetracycline; *Pub*: About 50 papers in Indian & foreign journals; mostly papers on subjects of electrocardiographic abnormalities in epidemic hepatitis, cardiovascular disturbances in chronic severe anaemia, electrocardiogram in chronic severe aneamia, ballistocardiogram in chronic severe anaemia; *Exp*: J.J. Hospital, Bombay; G.T. Hospital, Bombay 1940-42; J.J. Hospital & Grant Medical College, Bombay 1942; joined SMS Medical College in 1953; Reader & Physician 1953-56, Offg. Prof. of Cli. Medicine 1956-57; Prof. of Medicine 1964-65; *Mem*: British Medical Association, Association of Physicians of India, Cardiological Society of India, Indian Medical Association; *Knows*: English, Hindi & Gujarati; *Visited*: UK & USA; *Add*: S.M.S. Medical College, Jaipur.

SANGHVI, Rajnikant Laxmichand—Principal, Shah N.H. Commerce College & J.P. Shroff Arts College, Bulsar since June 1964; *b* 16 September 1931 at Ahmedabad; *Edn*: M.A. (Econ) in 1956 from Gujarat Univ. & M.A. (Econ. Development) in 1962 from Univ. of Wisconsin, USA; *Resch Exp*: For many years in Socio-economic subjects; *Pub*: A few articles on village valasan, village planning, deficit financing and boat-building industry; *Honours*: Awardee of Smith-Mundt & Fulbright Scholarships; *Exp*: V.P. Mahavidyalaya, V.V. Nagar; Ford Foundation's Rural Housing & V.P. Centre, V.V. Nagar; L.D. Arts College, Ahmedabad; City Arts & Commerce College, Ahmedabad; *Mem*: Senate, Academic Council, Faculty, Board of Studies of S.G. Univ.; Indian Economic Association, Lions Club; *Knows*: English, Gujarati & Hindi; *Visited*: USA; *Hobb*: Travelling and music; *Add*: 34, Shantinagar, Ahmedabad-13.

SANKARAM, (Dr) Ayalasomayajula—Prof. & Head, Dept. of Agrl. Chem., Agrl. College, Bapatla since 1967; *b* 1 September 1917 at Rajam in Dist. Srikakulam; *Edn*: Assoc. IARI in 1950 with first class first & Ph. D. in 1960 from IARI, New Delhi; M. Agri. Sc. in 1956 from Lincoln College, New Zealand; *Resch Exp*: For 20 years in the field of soil science and agricultural chemistry, soil fertility and role of micro-organisms; *Pub*: Books—Laboratory Manual for Agrl. Chemistry, A Text Book of Agricultural Chemistry (3 volumes), A Dictionary for Agricultural Chemists; over 50 papers on soil survey, soil microbiology and crop production etc.; *Exp*: Agrl. College, Coimbatore for 1 year; Central Rice Research Institute, Cuttack for 4 years; *Mem*: International Society of Soil Science, Association of Microbiologists of India, IARI, Rice Research Workers of India; *Genl*: Awarded Rajah of Bobili Prize 1934, P. Apparao Chetty Prize 1936, D' Silva Memorial Gold Medal 1938, Diwan Bahadur R. Raghunatha Rao Gold Medal 1939, Robertson Memorial Gold Medal 1939, Ramasastrula Munagala Gold Medal 1941 etc.; *Visited*: New Zealand, Australia; *Knows*: English, French, Telugu & Tamil; *Hobb*: Journalism in agriculture; *Add*: Dept. of Agrl. Chem., Agrl. College, Bapatla, A.P.

SAO, Bhagwat Prasad—Principal, B.P. Arts & Commerce College, Arang since July 1966; *b* 11 May 1928 at Bilaspur; *Edn*: M.A. (Econ) in 1952 & M. Com. in 1957 from Nagpur Univ.; *Pub*: On Management and Administration of Industrial Coperatives in Vidarbha; *Exp*: Principal, N.J. College of Arts & Com., Nagpur for 6 years; Vice-Principal, N.M.D. College, Gondia for 7 years; P.G. Commerce College, Satna for 1 year; *Mem*: Indian Commerce Association, Academic Council of R.S. Univ.; various bodies of Nagpur Univ.; *Knows*: English, Hindi & Marathi; *Add*: B.P. Arts & Commerce College, Arang, Raipur.

SARAF, Samarendra—Asstt. Prof. in Anthropology, Univ. of Saugar since July 1959; *b* 13 December 1931 at Saugor; *Edn*: LL. B. in 1957 & M. A. (Anth) with first class first winning Univ. Gold Medal in 1959 from Univ. of Saugar; *Resch Exp*: In the concepts of ritual purity and pollution, ritual purity-pollution theme in Hindu Caste system; *Pub*: A few papers on subjects like Our Education System; Rising Frustrations, Adult Education in Rural India etc.; *Honours*: Recipient of International Development Fellowship (Honolulu); *Exp:* Started with Saugar Univ.; *Knows*: Sanskrit, English & Hindi; *Visited*: USA; *Hobb*: Debates, astrology, study etc.; *Add:* Saraf Kutir, Saugar.

SARAN, (Dr) Anirudha Behari – Prof. & Head, Dept. of Anthropology, Ranchi College, Ranchi since 1959; *b* 11 January 1931 at Gaya; *Edn*: M. Sc. (Anth) in 1952 from Delhi Univ., M. A. (Anth) in 1955 from Indiana Univ. & Ph. D. in 1963 from Ranchi Univ.; *Resch Exp*: In Cis-Himalayan Region in Tehri-Garhwal and tribal areas in Bihar; *Pub*: A book entitled 'Murder and Suicide among . . . of Chhotanagpur' and several articles; *Honours*: Indiana Univ. Scholarship; *Exp*: Indiana Univ. 1954-55; joined Ranchi Univ. in 1955 and held different positions; *Mem:* American Anthropological Association, Council of Social & Cultural Research Ranchi); President of Anthropological Association (Ranchi College); *Knows*: English & Hindi; *Visited*: USA, UK & France; *Add*: Ranchi College, Ranchi.

SARAN, Rameshwar – Prof. & Head of Civil Engg., BITS, Pilani since 1962; *b* 2 January 1907 at Barielly; *Edn:* C. E. (Hons) in 1930 from Thomason College of Engg., Roorkee; *Resch Exp:* In design, construction and maintenance of all types of hydraulic structures, tube wells and irrigation works; *Pub:* Numerous research reports; *Exp*: In the Irrigation Dept. of U. P. during 1931-62 and retired as Director of Irrigation Research Institute, Roorkee; *Mem:* Institution of Engineers, International Association of Hydraulic Research; *Genl*: Has been able to regulate personal life with control; *Knows:* Hindi, Urdu & English; *Add:* Dept. of Civil Engg, B. I. T. S., Pilani.

SARBADHIKARI, Kanak Chandra—Principal, Medical College, Calcutta since 1960; *b* 12 October 1910 at Calcutta; *Edn:* FRCS (Surgery) in 1940 from Royal College of Surgeons of England & FRCS from Royal College of Surgeons of Edinburgh; *Resch Exp:* Guiding research students for past 25 years; *Pub*: On the concept of the Dean in Teaching Institutions, some thoughts on medical education, requirements of a teaching hospital, teaching of basic medical sciences; *Exp:* R. G. Kar Medical College, Calcutta; Seth Sukhlal Karnani Memorial Hospital, Calcutta; Head, Univ. Dept., College of Medicine, Calcutta; *Mem:* Academic Council, Calcutta Univ.; member of W. Bengal Medical Council, Executive Cttee of W. Bengal Nursing Council, Executive Cttee of the Asiatic Society; Faculty of Gauhati; Vice-President of Association for the Advancement of Medical Education in India; Rotary International, Freemason; *Knows:* English, Bengali & Hindi; *Visited:* UK; *Add:* 79/1, Amherst Street, Calcutta-9.

SARKAR, Gour Gopal—Chief, Coal Washing Division, Central Fuel Research Institute, F.R.I., Dist Dhanbad since 1952 ; *b* 15 August 1922 at Bolpur in Dist. Birbhum ; *Edn* : B. Sc. (Hons) in 1943 from K. N. College, Berhampur ; *Resch Exp* : For nearly 25 years in coal preparation technology ; *Pub* : More than 100 research and review papers in Indian and foreign Journals ; *Honours* : Awarded certificate of merit by U S. Bureau of Mines on Design and Operation of Coal Washeries ; *Exp* : Indian School of Mines, Dhanbad ; U.S. Bureau of Mines, Seattle, USA ; *Genl* : Consultant to N.C.D.C., Durgapur Projects Ltd. and other organisations in India for planning and/or performance evaluation of Coal Washeries ; *Knows* : Bengali & English ; *Visited* : USA, Poland, Yugoslavia, UK, France, Germany, Holland, Belgium & Poland for training and attending conferences ; *Hobb* : Reading of philosophical literature ; *Add* : Coal Preparation Division, C.F.R.I., Dhanbad.

SARKAR, (Dr) Jagadish Narayan—Head, Dept. of History, Jadavpur Univ. since October 1964 ; *b* 12 September 1907 at Burdwan, W.B. ; *Edn* : M.A. (History) in 1931 with first class first & Gold Medal from Patna College & Ph.D. in 1948 from Calcutta Univ. ; *Pub* : Life of Mir Jumla, History of the Patna College, Ideas of History in Medieval India ; over 80 research papers ; *Exp* : Patna College, Patna 1932-52 ; Ranchi College, Ranchi 1952-56 ; Dy. Director of Education, Bihar Govt. 1956-62; Reader 1962-64 at Jadavpur Univ.; *Mem*: Indian History Congress, All India Oriental Conference, Asiatic Society, Institute of Historical Studies ; a few Univ. bodies ; sectional President of Indian History Congress in 1939 ; *Knows* : English, Bengali, Sanskrit, Hindi & Persian ; *Hobb* : Music and shooting ; *Add* : 8, Santoshpur Avenue, Calcutta.

SARKAR, Rajani Kanta—Dept. of Economics, Jabalpur Univ. since November 1964 ; *b* 29 October 1929 at Jabalpur ; *Edn* : M.A. (Econ) in 1950 from Hitkarini Mahavidyalaya, Jabalpur ; *Pub* : Irrigation Potential in M.P., Defence Oriented Economy, Swalamban tatha Vaideshik Sahayta ka Parasparik Sambandh, Khadyaan Kshetra ; *Exp* : D.N. Jain Mahavidyalaya, Jabalpur ; Nagpur Mahavidyalya, Nagpur ; Govt. Degree College, Durg ; Mahakoshal Arts Mahavidyalaya, Jabalpur ; *Mem* : A few social & Univ. bodies ; *Genl* : Judge for the selection of AIR artists in 1954-55 ; *Knows* : Hindi, English & Bengali ; *Hobb* : Music ; *Add* : Sarkar Bldg., Marhatal, Jabalpur, M.P.

SARKAR, (Dr) Sanat Kumar—Asstt. Prof. in Physical Medicine, Institute of P.G.M.E. & R., Calcutta-20 since 1959 ; *b* 7 March 1926 at Barhara in Dist. Birbhum ; *Edn* : D.T.M. in 1953 from School of Tropical Medicine, Calcutta ; D.P.H. in 1955 from All India Institute of Public Health & Hygiene, Calcutta & D. Phys. Med. in 1958 from Royal College of Physicians & Surgeons, UK ; *Resch Exp* : For past 10 years in physical medicine and rehabilitation, rheumatic disorders ; *Pub* : A few papers on subjects like depth-heating, medical hydrology, leprosy, cervical spondylosis ; *Exp* : Devonshire Royal Hospital, Buxton, UK 1957-58 ; *Mem* : Indian Medical Association, British Association of Physical Medicine, Indian Rheumatism Association, Indian Society for the Rehabilitation of the Handicapped, Rehabilitation Board of W.B. Govt. ; *Knows* : Bengali & English ; *Visited* : UK 1956-58 & Stockholm, W. Germany, France, Italy & UK in 1961 ; *Hobb* : Music ; *Add* : 93A, Beltala Road, Calcutta-26.

SARKAR, (Dr) Sourindra Nath—Head, Dept. of Psychology, Ranchi College, Ranchi since 1966 ; *b* 20 November 1926 at Chaibasa in Dist. Singhbhum ; *Edn* : M.A. (Psy) in 1950 from Patna Univ., P.G. Dip. in Education in 1960 from Teachers Training College, Ranchi ; Ph.D. (Factors Underlying Student Unrest) in 1960 from Ranchi Univ. ; *Resch Exp* : For past 10 years ; guiding numerous researchers ; *Pub* : Book- Psycho-dynamics of Tribal Behaviour ; research papers on Student Problems, Pro-active Inhibition as a function of inadequate consolidation in learning similar languages, Teachers' Self Concept etc. ; *Exp* : Bihar National College, Patna for 3 years ; Ranchi Univ. for 10½ years ; Dept. of Education (Social), Bihar for 2½ years ; Visiting Prof. at Tribal Orientation Training Centre, Ranchi & at Institute of Diploma in Psychological Medicine & Medical Social Psychiatry Hospital for Mental Diseases, Ranchi ; *Mem* : Indian Psychological Association, several other Univ. and educational bodies ; *Knows*: English, Hindi & Bengali ; *Add* : 36, H.B. Road, Ranchi-1.

SASTRI, (Dr) Malladi Narasimha—Prof. in Chem., Andhra Univ. since 1966 ; *b* 5 August 1925 at Pedapatnam in E. Godavari ; *Edn* : M.Sc. in 1947 & D.Sc. in 1951 from Andhra Univ. ; Ph.D. in 1958 from Durham Univ., UK ; *Resch Exp* : For nearly 25 years in inorganic, analytical and nuclear chemistry ; *Pub* : Over 50 research papers ; *Exp* : Joined Andhra Univ. in 1948 and held different positions since then ; *Mem* : Board of Studies in Andhra & S.V. Univ. ; member of many social and educational bodies ; *Knows* : English & Telugu ; *Visited* : UK 1956-58 ; *Hobb* : Popularisation of science ; *Add* : Dept. of Chemistry, Andhra Univ., Visakhapatnam-3.

SASTRI, (Dr) P. S.—Head, Dept. of English, Nagpur Univ. since June 1960 ; *b* 22 January 1920 at Tenali in Dist. Guntur ; *Edn* : M.A. (Sanskrit) in 1941 from Presidency College, Madras ; M.A. (English) in 1943 & M.A. (Phil) in 1947 from Nagpur Univ. M.A. (Telugu) in 1944 from Madras Univ. ; Ph.D. in 1951 from Nagpur Univ. & Ph.D. in 1953 from Madras Univ. ; *Pub* : Vision of Coleridge, Aristotle's Theory of Poetry and Drama ; *Exp* : At Raipur 1944-46 ; Amravati 1947 ; Univ. of Saugar 1948-60 ; *Knows* : English, German, Sanskrit, Telugu, Hindi & Greek; *Hobb*: Astrology, astronomy; *Add*: Ramalingeswarpet, Tenali (A.P.)

SATHE, (Dr) Raghunath Vishnu—Head, Dept. of Geology, Poona Univ. since July 1964 ; *b* 23 January 1918 at Ahmednagar ; *Edn* : M.Sc. (Geol) in 1942 from Bombay Univ. & Ph.D. in 1962 from Poona Univ. ; *Resch Exp* : For nearly 20 years ; *Pub* : About 25 research papers on subjects like gypsum mining, manganese garnets, amphibolites, serpentine marble etc. ; *Exp* : Consulting Geologist, Sri Digvijay Cement Co., Jamnagar ; M/s Mangaldas C. Vakil, Cambay ; M/s Vissonji Ruttonsey, Bombay ; M/s Binodiram Balichand, Indore ; Dayanand College, Sholapur 1951-55 ; Walchand College of Engg., Vishrambag, Sangli 1955-64 ; *Mem* : Fellow of Geological Mining & Metallurgical Society of India , member of Mineralogical Association of India , founder member of Geochemical Society of India ; *Knows* : Hindi, Gujrati & Marathi ; *Hobb* : Indian classical music and games ; *Add* : Radha Nivas, 479/1, Tilak Road, Sadashiv Peth, Poona-9.

SATYA DEVA, (Dr)—Prof. & Head, Dept. of Sanskrit, Magadh Univ. since July 1964; *b* 5 May 1920 at Hasna in Dist. Gaya; *Edn*: M.A. (Sanskrit) in 1948, M.A. (Hindi) in 1951, B.L. in 1954 & D. Litt. in 1968 from Patna Univ. ; Vidyalankar in 1939, Vidyavachaspati in 1942 from Gurukul, Kangri ; Sahitya Ratna in 1943 from Hindi Sahitya Sammelan ; Sahitya Shastri in 1946 & Sahitya-Charya in 1948 from Bihar Sanskrit Association ; *Resch Exp* : In Advaita Vedanta, Psycho-analysis and Mental Hygiene etc. for several years ; *Pub* : Several research papers ; *Honours* : Recipient of Central Overseas Scholarship to UK 1957-58 ; *Exp* : Bihar National College, Patna 1949-55 ; Poona Univ. 1955-62 ; Patna College 1962-64 ; *Mem* : Bihar Research Society ; Mithila Sanskrit Research Institute ; *Knows* : Hindi, Sanskrit & English ; *Add* : New Godown, Rajendrapath, Gaya.

SATYA PRAKASH, (Dr)—Retired ; *b* 24 August 1905 at Bijnor in U.P. ; *Edn* : M.Sc. (Chem) in 1927 & D.Sc. in 1932 from Univ. of Allahabad ; *Resch Exp* : Guided several dozens of researchers for Ph.D., D. Phil. & D.Sc. etc. ; *Pub* : Several text books for Degree & P.G. classes ; Books on Ancient Indian Sciences ; editor in chief of 'Vijnana Parishad Anusandhan Patrika' ; over 100 research papers in Indian and foreign journals ; *Honours* : Received several awards and prizes on Hindi scientific publications from Govt. of India and literary bodies ; *Exp* : Taught in the Univ. of Allahabad 1932-67 and retired as Prof. & Head of Chemistry Dept. ; *Mem* : Indian Academy of Sciences, Indian Chemical Society, Vijnana Parishad ; *Knows* : English & Hindi ; *Visited* : Several countries to attend international Science Congress ; *Add* : Beli Avenve, Allahabad-2.

SATYA VRAT, (Dr)—Reader in Sanskrit, Delhi Univ. since 1960 ; *b* 29 September 1930 at Lahore ; *Edn* : M.A. (Sanskrit) in 1955 with first class first from P.U. Oriental College, Jullundur & Ph. D. in 1957 from BHU ; *Resch Exp* : For nearly 15 years ; *Pub* : Books- Sribodhisattvacharitam, Essays on Indology, The Ramayana : A Linguistic Study, Srigurugondasimhacaritam, Chatropayogi Vaidika Vyakarana, The Concept of Time and Space in the Indian Thought ; over 50 research papers ; *Exp* : Hansraj College, Delhi for 2 years ; Kurukshetra Univ. for 2 years ; *Mem* : Board of Studies, Faculty in Delhi Univ. and other universities ; *Knows* : Hindi, Sanskrit, English & Punjabi ; *Add* : Dept. of Sanskrit, Delhi Univ., Delhi-7.

SATYANARAYANA, (Dr) B.—Reader in Civil Engg., Roorkee Univ. since July 1967 ; *b* 6 October 1940 at Marteru in W. Godavari Dist. ; *Edn* : B.E. in 1960 from Andhra Univ. ; M.E. (Soil Mech & Foundation Engg) in 1961 & Ph. D. (Swelling Pressures & Related Mechanical Properties of Black Soil) in 1966 from Indian Institute of Science, Bangalore ; *Pub* : A number of technical papers in Indian and foreign journals ; *Exp* : Central Water & Power Commission, New Delhi 1961-62 ; Hindustan Steel Ltd., Ranchi 1962 ; Indian Institute of Science, Bangalore 1962-66 ; Binnie & Partners, London 1966-67 ; *Mem* : Indian National Society of Soil Mechanics & Foundation Engineers, British Geochemical Society ; *Visited* : UK ; *Knows* : Telugu, Hindi, Kannada, German & English ; *Add*: c/o Venkatramayyah, Sree Ramapuram, Bhimavaram, A.P.

SATYANARAYANA, Nookala Chinna—Principal, Govt. College of Music & Dance, Secunderabad since 1966 ; *b* 20 July 1927 at Anakapalli in Vizag. Dist. ; *Edn* : B.A. (Vocal Music in 1960 from Andhra Univ. ; *Resch Exp* : In Indian Music, comparative study of North & South Indian music ; *Pub* : A few articles and radio-talks ; *Honours* : Conferred Gayaka Bhushana, Gayako Ratna ; *Exp* : Maharajah's Govt. College of Music, Vizianagaram ; Govt. College of Music & Dance, Hyderabad ; *Mem* : Musicians Association, Hyderabad and other social bodies ; *Genl* : Gave performances before Indian and foreign dignitaries and in many Indian cities ; reputed musician of the South and AIR ; *Knows* Sanskrit, Telugu & English ; 67, Jeera, Secunderabad.

SATYENDRA, (Dr)—Prof. & Head, Univ. Dept. of Hindi, Jaipur since September 1964 ; *b* 2 September 1907 at Bhogipura in Dist. Agra ; *Edn* : M.A. (Hindi) in 1933, Ph. D. (Hindi) in 1947, M.A. (Sanskrit) in 1947, D. Litt. (Hindi) in 1957 from Agra Univ. ; *Resch Exp* : Over 35 students received their Ph. D. ; guiding many other research projects ; *Pub* : Books-Sahitya ki Jhanki, Guptaji ki Kala, Mrignayani men Kala aur Krititvas, Hindi Ekanki, Hindi Samiksha ka Siddhanta ; Kala, Kalpana aur Sahitya ; Samikshatmak Nibandha, Premchand : Unki Kahani-kala, Sur ki Jhanki, Hindi Upanyas Chintan, Vraja Sahitya ka Itihas ; several other dramas, one-act plays and stories ; *Honours* : Two prizes from Gwalior State , Naval Kishore Prize by Vraja Sahitya Mandal , Ratnakar Medal & Radha Krishna Das Prize from Nagari Pracharini Sabha , U. P. Govt. Prize ; *Exp* : Calcutta Univ. for 2 years ; Reader for 8 years & Offg. Director for 4 years at K. M. Institute of Hindi Studies & Linguistics, Agra ; First Principal of the Central Hindi Institute, Agra ; Founder Head of the Hindi Vidyalaya Nagari Pracharini Sabha, Agra ; Principal of Govardhan Vidyapith, Mathura for 3 years ; *Mem* : Board of Studies, Calcutta Univ. ; Research Degree Cttees of Calcutta, Agra Univ. & K.M. Institute of Hindi Studies ; Academic Council & Senate of Agra Univ. ; Sahitya Akademi (New Delhi), Language-Co-ordination Cttee of Rajasthan Govt., Advisory Board of All India Radio on Vraja Bhasha Programmes, member of other numerous educational, social and Govt. bodies ; *Knows* : English, Bengali, Gujarati, Marathi, Apabhransha, Prakrita, Pali, Sanskrit & Urdu ; *Add* : 54, Suryanagar, Agra.

SAVITHRI, (Dr) (Miss) Madabusi—Head, Dept. of Pol. Sc., P.U. P.G. Regional Centre, Rohtak since October 1966 ; *b* 16 December 1931 at Kurnool ; *Edn* : M.A. in 1955 with first class first from Osmania Univ. & Ph.D. in 1964 from Syracuse Univ., USA ; *Pub* : On The Swatantra Party : The Need for an Opposition in Indian Politics ; a few papers etc. ; *Exp* : Osmania Univ. ; Tougaloo College, USA ; Eastern Washington State College, USA ; *Mem* : Regional Historical Records Cttee, American Political Science Association, American Society for Public Administration ; *Knows* : English, Telugu, Tamil, Kannada & Hindi ; *Visited* : USA, Nigeria, France, Switzerland, Canada, Germany & Egypt ; *Add* : Dept. of Pol. Sc., P.U.P.G. Regional Centre, Rohtak.

SAVUR, (Dr) Mrs. Manorama—Prof. of Sciology, School of Social Work, Bombay since July 1967 ; *Edn* : M.A. (Sociology) in 1959 from St. Xaviers' College, Bombay & Ph. D. in 1963 from Univ. of Bombay ; *Resch Exp* : In Industrial Relations & Labour Relations ; guiding research work ; *Pub* : Books—Freud on Man & Society, Management White Collar Relations ; papers on Productivity, Industrial Peace, Social Security in India, Employees State Insurance, Family Planning etc ; *Exp* : St. Xavier's College, Bombay ; *Mem* : Sociological Society of India ; *Add* : School of Social Work, Nirmala Niketan, 38 Marine Lines, Bombay-1.

SAWHNEY, (Dr) Ramnath—Head, Dept. of Chem. & Vice-Principal, Govt. College for Women, Chandigarh ; *b* 19 September 1919 at Lahore ; *Edn* : M. Sc. (Chem) in 1942 from Govt. College, Lahore & Ph. D. in 1966 from Panjab Univ., ; *Resch Exp* : For five years ; *Pub* : Several papers besides books -New College Chemistry & Organic Chemistry ; *Exp* : Govt. College, Lahore ; Punjab Univ. Institute of Chemistry (Lahore); Govt. College, Camp Bellpur ; Govt. College, Ludhiana ; Govt. College, Chandigarh ; *Genl* : Interested in development and application of chemical manure to different crops in his own farm ; *Knows* : English, Hindi, Punjabi, Urdu & French ; *Add* : Govt. College for Women, Chandigarh.

SAXENA, Durga Charan—Founder Director, Kanpur Library Institute, Kanpur since 1959 ; *b* 20 November 1926 at Fatehgarh in U.P.; *Edn* : M.A. (Econ) in 1950, LL.B. in 1955 & M.A. (Sociology) in 1960 from D.A.V. College, Kanpur ; Dip. in Lib. Science in 1954 from Unesco Training Centre ; *Resch Exp* : In the field of economics of technical education ; *Pub* : A few papers ; *Exp* : Teaching experience of over 13 years ; practical experience for 9 years ; *Mem* : Corresponding Member of Library Association (London), Indian Library Association, U.P. Library Association ; *Knows* : Hindi, Urdu, Persian, English & German ; *Add* Kanpur Library Institute, Kanpur.

SAXENA, (Dr) Jitendra Prasad—Prof. of Forensic Medicine, J.N. Medical College, Belgaum since August 1968 ; *b* 15 September 1930 at Luckonw ; *Edn* : Training in Malariology in 1959 from Malaria Institute of India, Delhi & M.D. (Forensic Medicine) in 1964 from K.G Medical College, Lucknow ; *Resch Exp* : In gun shot injuries, lungs of viable foetuses, skin changes by blunt force injuries, muscle changes during *rigor mortis* ; *Pub* : Books—Modern Injection Guide, Modern Patent Drugs, Allopathic Medical Practitioner, Vitamin Therapy, Blood Pressure Guide, Minor Surgery, Allopathic Mixtures, Mutra Parikshan, The Synopsis of Forensic Medicine, Vidhi Chikitsa Shastra Vigyan etc.; over 20 articles ; *Mem* : Royal Institute of Public Health & Hygiene, Royal Society of Tropical Medicine & Hygiene, Indian Academy of Forensic Sciences, British Academy of Forensic Sciences, American Academy of Forensic Sciences, New York Academy of Sciences, British Medical Association, Royal Society of Health and several others throughout the world ; *Exp* : Provincial Medical Service Officer for 8 years ; Chief Medical Officer, More Hospital, Nawalgarh for 1/2 year ; BHU 1965-67 ; *Knows* : English & Hindi ; *Add* : 8, Asharfabad, P.O. Chowk, Lucknow.

SAXENA, Kripa Shankar—Principal, Govt. Degree College, Karauli since August 1964 ; *b* 18 July 1917 at Bikaner ; *Edn* : M.A. (English) in 1943 from BHU ; *Exp* : Dungar College, Bikaner ; Maharana Bhopal College, Udaipur ; Govt. College, Banswara ; Raj Rishi College, Alwar ; *Mem* : Faculty of Arts, Rajasthan Univ.; *Knows* : Hindi, Urdu & English ; *Add* : Govt. Degree College, Karauli.

SAXENA, (Dr) Mahesh Narain—Prof. & Head, Dept. of Metallurgical Engineering, Roorkee Univ. since December 1966 ; *b* 28 June 1925 at Budaun in U.P.; *Edn* : M.S. (Phy Met) in 1959 & Ph. D. in 1964 from Univ. of Wisconsin, USA ; *Resch Exp* : For ten years guiding several research projects ; *Pub* : A Text Book on Iron Making ; many papers on development of aluminium bronzes, alloy-steels, stress corrosion cracking, making of thin foils etc.; *Honours* : First in the whole of U.P. in High School Exam.; *Exp* : India Thermit Corpn.; Indian Iron & Steel Co., Burnpur ; 16 years' teaching experience ; joined Univ. of Roorkee in 1952 ; *Mem* : Indian Institute of Metals, American Institute of Mining Metallurgical & Petroleum Engineers (USA), Institute of Metals (London), Iron & Steel Institute (London), Sigma Xi ; *Knows* : Hindi, English, French & German ; *Visited* : USA, UK & W. Europe ; *Add* : Dept. of Met. Engg., Univ. of Roorkee, U.P.

SAXENA, (Dr) Mohan C.—Assoct. Prof. of Agronomy, College of Agri., U.P. Agrl. Univ. since October 1966 ; *b* 22 January 1938 at Dholpur in Dist Bharatpur ; *Edn* : M.Sc. Agri. in 1959 with first class first from B.R. College, Agra ; Ph. D. (Soil & Water Management) in 1952 from IARI, New Delhi & Dr Agr. (Plant Nutrition) in 1965 from Stuttgart Academy of Agri., W. Germany ; *Resch Exp* : On applied aspects of crop nutrition and soil fertility, trained in use of radiocative and stable isotopes in plant nutritional research ; *Pub* : Fifteen research articles in various research journals ; two books on topics of Agriculture in Hindi ; Effect of Water Supply on Plant Growth and Nutrient uptake by some Cereals' published in German ; *Exp* : B. R. College, Agra ; Atomic Energy Establishment, Bombay ; *Mem* ; Indian Science Congress, Indian Society of Agronomy ; *Knows* : Hindi, English, German & Spanish ; *Visited* : W. Germany & UK ; *Add* : Dept. of Agronomy, College of Agri., U.P. Agrl. Univ., Pantnagar, U.P.

SAXENA, (Dr) Prem Narain—Prof. & Head, Dept. of Pharmacology, J.L.N. Medical College, Aligarh since April 1964 ; *b* 15 September 1925 at Bareilly ; *Edn* : M.D. (Medicine) in 1950 & M.D. (Pharmacology) in 1952 from Lucknow Univ. & Ph. D. (Pharm) in 1963 from Patna Univ. ; *Resch Exp* : For two decades in neuropharmacology etc.; *Pub* : A book on 'Practical Pharmacy' and over 50 research papers ; *Honours* : Rockfeller Foundation Fellow for training in Neuropharmacology in Univ. of Michigan, USA ; *Exp* : K.G. Medical College, Lucknow for 17 years ; *Mem* : Association of Physiologists & Pharmacologists of India, Indian Association for the Advancement of Medical Education; *Visited* : USA & UK ; *Knows*: English, Hindi, Urdu & French; *Hobb* : Interest in Medical Electronics and transistor receivers ; *Add* Dept. of Pharmacology, J.L.N. Medical College, Aligarh.

SAXENA, Subhash Chandra—Dept. of Civil Engg., Roorkee Univ. since March 1967 ; *b* 10 August 1940 at Tonk in Rajasthan ; *Edn* : M.S. (Highway Engg) in 1964 from Univ. of Toronto, Canada ; *Pub* : Papers on economic planning of highway improvements etc.; *Exp* : Rajasthan P.W.D. for 3 years ; *Mem* : Indian Road Congress, American Society of Civil Engineers, Highway Research Board . Indian Institute of Engineers ; *Knows* : Hindi, Urdu & English ; *Visited* : Canada ; *Hobb* : General reading ; *Add* : C—34, Bapunagar, Jaipur, Rajasthan.

SCOTT, (Dr) Kenneth Munro—Director, Christian Medical College & Hospital, Ludhiana since January 1964 ; *b* 22 March 1916 at Tsingtao in China ; *Edn* : M.D. in 1941 & Dip. in Surgery in 1947 from Univ. of Pennsylvania ; *Pub* : Numerous papers on therapic surgery, plastic surgery and medical education.; *Exp* : Yonsei Univ. Medical College, Seoul, Korea 1953-63 ; Senior Resident, Graduate Hospital of Univ. of Pennsylvania 1947-50 ; *Mem* : American Board of Surgery, American College of Surgeons, Pan-Pacific Surgical Association, American Medical Education, Association of Surgeons of India, Indian Medical Association ; *Genl* : Medical Officer, U.S. Army Medical Corps (Major) 1942-46 ; Director, Korea Church World Service T.B. Control Project 1960-63 ; Advisor to Minister of Health, Republic of Korea 1956-57, 1961-63 ; *Visited* : USA & Korea ; *Knows* : English, German & Korean ; *Hobb* : Music ; *Add* : c/o COEMAR, 475, Riverside Drive, New York, 10027, USA.

SEHGAL, Jagdish Mohan—Govt. College, Chandigarh ; *b* 25 August 1936 at Ludhiana ; *Edn* : M. Sc. (Chem) in 1959 with a very high rank in Univ. of Agra ; *Pub* : New College Chemistry for different classes & Organic Chemistry for Inter & Pre-Medical etc. classes ; a few research papers in journals; *Honours* : Awardee of Punjab Univ. Scholarship, Pepsu Govt. Merit Scholarship ; *Exp* : Kanya Maha Vidyalaya, Jullundur 1959-60 ; joined Govt. College, Chandigarh in 1960 ; working for Ph. D. at Punjab Univ.; *Knows* : English, Hindi, Punjabi, Urdu & Sanskrit ; *Hobb* : Indoor games ; *Add* : Dept. of Chem., Govt. College, Chandigarh.

SEHGAL, (Dr) Tek Chand—Prof. of Animal Husbandry & Dairying, College of Agri., Kaul (Karnal) since January 1968 ; *b* 18 October 1905 at Rawalpindi in W. Pakistan ; *Edn* : B.V.Sc. in 1951 ; P.G. Training in Animal Husbandry during 1936 from I.V.R.I., Mukteshwar ; *Resch Exp* : In string-halt in cattle, cattle-surra, Ranikhet among fowls ; *Pub* : on Animal Husbandry, Animal Nutrition & Dietetics, Meat Hygiene, malformation, amaurosis, gosamvardhan ; *Honours* : Scholarship winner throughout career ; *Exp* : Panjab Agrl. College, Lyallpur ; Punjab College of Vety. Science & Animal Husbandry, Hissar ; National Dairy Research Institute, Karnal ; *Mem* : Punjab Vety. Association, other scientific associations ; *Knows* : English, Urdu, Hindi & Punjabi ; *Add* : Sehgal Nivas, Hospital Road, Karnal.

SEKHON, Sant Singh—Principal, Khalsa College, Patiala since August 1965 ; *b* 30 May 1908 at Chak 70 J.B., Lyallpur ; *Edn:* M.A. (Econ) in 1930 & M.A. (English) in 1931 from Forman Christian College, Lahore ; *Pub* : Chheghar, Tapia/Khapia, Natsunehe, Kalakar, Naraki, Bhudan, Waris, Moyan Sarna, Kai, Bera Bandh Na Sakio, Damayanti, Sialan di Nadhi, Samachar, Kame te Yodhe, Adhi Vat, Tija Pahar, Lahu Mitti, Pragati, Sahityartha, Panjabi Kavya Shiromani, Panjabi Boli da Itihas ; *Honours* : Literatteur of the year of Panjab Govt.; awarded Robe of Honour 1965 ; *Exp* : G.H.G. Khalsa College, Gurusar Sadhar ; Mata Gujari College, Fatehgarh Sahib ; Khalsa College, Amritsar ; *Mem* : Academic Council, Syndicate, Senate of Panjabi Univ.; Advisory Board of Economic Enquiry, Panjab Govt.; Indian Academy of Letters ; *Knows* : Panjabi, Urdu, Hindi, Persian, Sanskrit & English ; *Visited:* USSR and Afghanistan ; *Hobb* : Chess, gardening *Add:* Khalsa College, Patiala.

SEN, (Dr) Arindra Nath—Microbiologist, IARI, New Delhi ; *b* 25 December 1928 at Calcutta ; *Edn :* M. Sc. (Hons) (Chem) in 1949 & Ph. D. (Microbiology) in 1957 from Punjab Univ.; *Resch Exp* : For 15 years in soil fertility tests and soil chemistry, symbiotic N fixation by laguminous crops etc.; *Pub :* 15 research papers in Indian and foreign journals ; *Exp* : For past 10 years teaching Microbiology at IARI ; *Mem* : Association of Microbiologists in India, Fulbright Alumni Association ; *Knows* : Bengali, Hindi, English & German ; *Visited* : USA *Add* : Divn. of Microbiology, IARI, Hillside Road, N. Delhi-12.

SEN, (Dr) Arun Kumar –Principal, Kamladevi Sangeet Mahavidyalaya, Raipur since 1950; *b* 6 June 1928 at Rajim in Dist. Raipur; *Edn:* M. A. (Hindi) in 1952 from Nagpur Univ. & Sangeet Nipun in 1956 from Bhatkhande—Sangeet Vidyapeeth, Lucknow; Ph. D. in 1966 on Survey of Indian Rhythm Patterns from Nagpur Univ.; *Pub:* Uttar Bharateeya Sangeet ka Itihas, Rani Durgavati; a number of articles in reputed journals; *Honours*: Represented the Univ. in the UGC Conferences; *Exp*: At College of Arts, Raipur and Kamladevi S. Mahavidyalaya, Raipur; *Mem* : Board of State Secondary Education; M. P. Sangeet Natak Academy; Dean, Khairagarh Music Univ.; *Genl*: Vocal artist on AIR for last 20 years; convenor of M. P. State Music Conference, M. P. Drama Festival & Kalidas Centenary Celebrations; *Knows* : Hindi, Bengali & English; *Add*: Kamladevi Sangeet Mahavidyalaya, Raipur, M. P.

SEN, Arun Kumar—Institute of Radio-Physics & Electronics, Calcutta since 1968; *b* 1 May 1935 at Calcutta; *Edn*: M. Sc. (Radio-Engg.) in 1957; Advanced Training in 1959, 1961 & 1963; *Resch Exp*: In Radio-Astronomy, solar radio-noise, atmosphere at low frequencies; *Pub*: Several papers on high altitute nuclear explosions, local thunderstorms, radio-wave propagation, intensity of atmospherics in relation to monsoon etc.; *Exp*: Joined Institute of Radio-Physics & Electronics in 1962; *Mem*: Bangya Bigyan Parishad (Working Cttee Member); *Knows*: Hindi, English & Bengali; *Add*: Institute of Radio-Physics & Electronics, 92, Acharya Prafulla Chandra Road, Calcutta-9.

SEN, Binayendra Nath—Head, Dept. of Chem., Midnapore College, Midnapore since September 1963; *b* 1 December 1908 at Calcutta; *Edn:* M. Sc. (Chem) in 1930 with Univ. Prize from Presidency College, Calcutta ; *Resch Exp :* For past nearly 40 years in physical chemistry, colloid chemistry, chromatography and plant chemistry etc.; *Pub*: About 70 research articles in Indian and foreign journals; *Honours*: Ganga Prasad Gold Medal, Tripundeswar Mitter Gold Medal, Cunningham Memorial Prize, Univ. Silver Medal, Griffith Memorial Prize; *Exp:* Calcutta Dental College & Hospital 1930-36; Presidency College, Calcutta 1930; Krishnagar College 1934; St. James College, Calcutta 1935; Burdwan Raj College, Burdwan 1936-57; Syamsunder College, Burdwan 1957-65; *Mem*: Royal Society of Arts (London), Royal Chemical Society, Indian Chemical Society, Indian Science Congress, Asiatic Society of Bengal, associated with numerous social bodies; *Hobb*: Writing poems and scientific articles; *Add*: Shanti Niketan Hotel, 16 B, Mahatama Gandhi Road, Calcutta-9.

SEN, (Dr) David Navin—Dept. of Botany, Jodhpur Univ., since 1963; *b* 20 December 1934 at Amroha in Dist. Moradabad; *Edn:* M. Sc. (Bot) in 1955 from Govt. College, Ajmer; C. Sc. in 1960 & D. Sc. in 1962 from Charles Univ., Prague, Czechoslovakia; *Resch Exp*: For 15 years in plant ecology; *Pub*: one monograph and nearly 40 research

papers; *Exp*: St. Andrew's College, Gorakhpur 1955-62; *Mem:* Indian Botanical Society, National Academy of Sciences, Indian Science Congress, Society of Tropical Ecology, Czechoslovak Botanical Society etc.; *Knows*: English, Urdu, Hindi, Czech, German & Russian; *Visited*: Czechoslovakia, UK, USSR, Germany, France, Switzerland, Austria, Poland, Hungary, Netherlands, Italy & Egypt 1960-62; *Hobb*: Photography; *Add*: Dept. of Botany, Jodhpur Univ., Jodhpur.

SEN, (Dr) Salil Chandra—Principal, Medical College, Nagpur since 1957; *b* 30 May 1921 at Buldhana; *Edn*: MBBS in 1944, D. T. M. in 1946 & M. D. in 1956 from Medical College, Nagpur; *Resch Exp*: For 12 years in Physiology & Biochemistry; *Pub*: Papers on haematological studies, aetiology of male infertility, pulmonary function tests, citricolysis and fructolysis in human semen etc.; *Exp:* For 20 years at Medical College, Nagpur; *Mem*: Board of Studies & Facutly of Nagpur Univ., Association of Physiologists & Pharmacologists of India; *Genl*: Lt. in N.C.C. of Medical Unit.; *Knows:* Bengali, Hindi, Marathi, English, German & French; *Add*: Medical College, Nagpur.

SEN GUPTA, (Dr) Jatish Chandra—Retired Scientist; *b* 15 December 1900 at Outshahi in Dist. Dacca; *Edn*: M. Sc. (Bot) in 1923 with first class first from Univ. of Calcutta & Dr. Phil. Nat. in 1928 from Univ. of Heidelberg, W. Germany; *Pub*: A huge number of scientific papers in Indian and foreign journals; *Honours:* Awarded P. J. Bruhe Commemoration Medal by Asiatic Society; *Exp*: Prof. & Head of Botany Dept. 1939-50, Principal 1951-55 at Presidency College, Calcutta; Director, Botanical Survey of India 1955-61; Administrator, W. B. Board of Secondary Education, 1962-63; President, W. B. Board of Sec. Education, 1964-65; *Mem*: National Institute of Sciences of India, Indian Science Congress (Sectional President 1955, 1952), International Society of Tropical Ecology (President 1960, 1961), The Asiatic Society, German Botanical Society, Indian Botanical Society, Indian Science News Association (President 1964, 1965), Botanical Society of Bengal (President 1952-55); other Univ. bodies; *Knows*: Bengali, English & German; *Visited*: Germany; *Add*: 428, Jodhpur Park, Calcutta-31.

SEN GUPTA, Prof. M.—Principal, Engg. College, BHU; *b* July 1903 at Rangpur in E. Pakistan; *Edn*: B. Sc. (Engg) in 1930 from Glasgow Univ. (First Indian to get the First Class Honours); *Resch Exp*: In Induction Motor Designs, Break-down Voltage & Voltage Distribution on large and small Suspension Insulator, Cathode-Oscillograph, High Gland Leakage, Steam Turbines; *Pub*: Numerous papers, reports and radio-talks on A Miracle of Synthesis Rubber, Perpetual Motion Machine, Technological Education, Automation etc.; *Exp*: College of Technology, Manchester; Prof. & Head of Dept., Bengal Engg. College, Howrah; Prof. & Head, Dept. of Elect. Engg., BHU since 1944; Provost, BHU 1955-61; *Genl*: Significant contribution in World War II in the training of war-personnel; *Mem*: Institution of Engineers (London), Institution of Radio & Electronics Engineers (London), Indian Physical Society, Royal Society of Arts (London), National Institute of Sciences of India, I. S. I., All India Council of Technical Education (Govt. of India), C. S. I. R., Indian Science Congress (Sectional President 1948-49); member of many Govt., Univ. and Governing bodies; *Know*: English, Bengali & Hindi; *Visited*: UK; *Add*: Engg. College, BHU, Varanasi-5.

SENGUPTA, (Dr) Rajendralal—Principal, Presidency College, Calcutta since 1940; *b* 17 December 1911 at Patna; *Edn*: M. Sc. (Pure Physics) in 1935 from Science College, Calcutta & Ph. D. (Cosmic Rays) in 1939 from London Univ.; *Resch Exp*: For nearly 35 years on cosmic rays and high energy physics; *Exp*: Started with Presidency College, Calcutta; *Visited*: UK 1938-40; *Mem*: Several Univ. bodies and other social and educational organisations; *Add*: Presidency College, Calcutta.

SESHADRI, (Dr) A. R.—Head, Divn. of Nematology, I. A. R. I., New Delhi since December 1967; *b* 25 September 1924 at Alleppey in Kerala; *Edn*: M. A. (Zool) in 1946 from Madras Christian College, Madras & Ph. D. (Nematology) in 1961 from California Univ., USA; *Resch Exp*: For 20 years; *Pub*: About 30 research papers on thysanoptera, migratory locusts, leaches in paddy fields, golden nematode of potatoes, nematodes on different crops etc.; *Exp:* Agrl. College & Resch. Institute, Coimbatore for 18 years; *Mem*: Society of European Nematologists, Madras Agrl. Students Union etc.; *Knows*: English, Tamil, Malayalam, Hindi & Sanskrit, German & French; *Visited:* USA, Canada, UK, Netherlands, W. Germany, France, Switzerland & Italy ; *Add* : Dept. of Nematology, IARI, Hillside Road, New Delhi-12.

SESHADRI, (Dr) Kadamby—Asstt. Director & Scientist, C. S. & M. C. R. I., Bhavnagar since August 1963; *b* 20 August 1916 in Mysore State; *Edn*: M. Sc. (Chem) in 1941 & Ph. D. in 1957 from BHU; *Resch Exp*: For over 25 years in applied chemistry, salt technology, by-products recovery, phase rule chemistry of aqueous systems; *Pub*: Near 40 articles, patents and book reviews; *Honours:* Awarded Rs. 2000/- by Invention Promotion Board for potash-alum project; *Exp*: Indian Institute of Science, Bangalore 1943-49; National Chemical Lab,, Poona 1950-57; joined C. S. & M. C. R. I. in 1957; *Mem* : Various scientific committees of I. S. I.; *Visited*: Canada during 1962 for advanced training in chemical technology, marine & saline products ; *Knows* : English, Kannada & Tamil ; *Add* : c/o Dr. K. Parthasarthy, Chamarajanagar, Mysore.

SESHAGIRI, A.—Sr. Lecturer & Head of Dept. of Stats., College of Agri., Indore since May 1964; *b* 27 March 1932 at Chandrasekharapura in Dist. Tumkur; *Edn*: M. Sc. (Stats) in 1955 from Maharaja's College, Mysore; *Resch Exp:* Guiding P. G. research for past 10 years; *Pub*: A few articles; *Exp*: I.A.R.I., New Delhi 1955-60; College of Agri., Gwalior 1960-64; *Knows*: Kannada, Hindi & English; *Add*: Qr. No. 14, Agri. College, O. T. C. Area, Indore.

SETHI, Anand Swarup—Principal, Govt. College of Education, Solan since 1962; *b* 25 August 1936 at D. G. Khan, W. Pakistan; *Edn*: M. A. (English) in 1956 & M. A. (Psy) in 1960 from P. U. Camp College, New Delhi & B. Ed. in 1961 from Central Institute of Education, Delhi; *Pub*: Books - Teaching English in Schools, The Teaching of English as a Foreign Language; a few articles etc.; *Exp*: Malwa Central College of Education, Ludhiana 1961-62 ; *Mem*: All India Association of Teacher Educators, Indian Association for Programmed Learning; *Knows*: English, Urdu, Hindi & Punjabi ; *Hobb*: Photography and travel; *Add*: Govt. College of Education, Solan, H. P.

SETHI, Manmohan Singh—Prof. & Head, Dept. of Pathology & Hygiene, College of Vety. Medicine, U.P. Agrl. Univ., Pantnagar since November 1961; *b* 17 August 1919 at Gojra in Dist. Lyallpur ; *Edn :* Assoc. I.V.R.I. in 1957 from I.V.R.I. ; Advanced Training in Bacteriology in USA & UK ; *Resch Exp :* For 25 years in bacteriology, virology, serology and immunology ; *Pub* : Over 30 publications ; *Exp :* I.V.R.I. Mukteshwar for 15 years ; *Mem :* Indian Science Congress ; *Knows* : English, Urdu, Punjabi & Hindi ; *Visited :* USA, UK, Denmark & Italy ; *Hobb :* Poultry keeping ; *Add :* Dept. of Path. & Hygiene, College of Vety. Sc., U.P. Agrl. Univ., Pantnagar, U.P.

SETHI, Phool Chand—Principal, S.S.L. Jain College, Vidisha since July 1968; *b* 21 December 1912 at Khurai in Dist. Sagar ; *Edn :* M.Sc. (Physics) in 1933 with first class first from College of Science, Nagpur ; *Exp :* Lecturer 1938-45 & Asstt. Prof. 1945-56 at College of Science, Nagpur ; Mahakoshal Mahavidyalaya, Jabalpur 1956-57 ; Prof., Science College, Raipur 1957-61 ; T.R.S. College, Rewa 1961-62 ; Principal, Govt. Degree College, Chhindwara 1962-67 ; *Mem* : Executive Council of Nagpur & Saugar Univ. ; Academic Council of Saugar Univ. ; Indian Science Congress etc. ; *Knows :* English, Hindi, Marathi & Gujarati ; *Visited :* UK for higher education ; *Hobb :* Designing of simple laboratory equipment ; *Add* : S.S.L. Jain College, Vidisha, M.P.

SETHI, (Mrs) R. L.—Principal, D.A.V. College of Education for Women, Amritsar since July 1962 ; *b* 11 December 1922 at Ferozepur ; *Edn* : B.T. in 1943 from Dev Samaj College for Women, Ferozepur & M.A. (Hindi) in 1953 from D.M. College, Moga ; *Exp* : D.M. College & D.M. Training College, Moga 1953-62 ; *Mem* : Board of Studies of Univ. and many other educational and social bodies ; *Knows* : English, Hindi, Punjabi & Sanskrit ; *Hobb* : Knitting, sewing, embroidery, cooking and gardening ; *Add* : D.A.V. College of Education for Women, Amritsar.

SETHNA, Homi Nusserwanji—Director, Bhabha Atomic Research Centre, Bombay since 1966 ; *b* 24 August 1923 ; *Edn* : M.S.E. (Chem Engg) from Michigan Univ., USA ; *Exp* : Works Manager, Indian Rare Earths Ltd. 1949-59 ; Chief Scientific Officer in 1959 and later as Director in Bhabha Atomic Research Centre ; *Honours* : Padma Shri 1959, S.S. Bhatnagar Memorial Award 1960, Padma Bhushan 1966, Sesquicentenial Award of Univ. of Michigan in 1967 for 'Knowledge, Wisdom & Courage to Serve' ; *Genl* : Responsible for construction etc. of Monazite Plant at Alwaye, Thorium & Uranium Metal Plant at Trombay, Plutonium Plant at Trombay, Uranium Mill at Jadugoda ; *Mem* : Dy. Conference Secy. Genl. to U.N. International Conference on Peaceful Uses of Atomic Energy (Geneva 1958). member of Scientific Advisory Cttee to the Cabinet since 1961, Indian National Cttee on Space Research, Indian Institute of Chemical Engineers, Institution of Engineers, Indian Academy of Sciences, Indian Rocket Society, Director of many Govt. of India Undertakings ; *Add* : Panorama, 203 Walkeshwar Road, Bombay-6 (WB).

SETHNA, (Dr) Minocher Jehangirji—Head, Dept. of Law, Bombay Univ. since January 1967 ; *b* 1 November 1911 at Bombay ; *Edn* : Ph.D. (Criminology) in 1947 from Bombay Univ. & Bar-at-Law in 1936 from Middle Temple, London ; *Pub* : Indian Company Law, Mercantile Law, Society & the Criminal, Jurisprudence, Synthetic Jurisprudence, Progress of Law ; several research papers on criminology ; *Exp* : Govt. Law College for 8 years, since 1960 at Bombay Univ. ; teaching P.G. students ; *Mem* : Society of the Middle Temple, London ; Advocate of Bombay High Court ; President of the Indian School of Synthetic Jurisprudence ; *Knows* : English, French, Hindi, Gujarati & Marathi ; *Visited* : UK ; *Hobb* : Photography ; *Add* : 251, Tardeo Road, Bombay-7.

SHAH, Chimanlal Jethalal—Head, Prep. Unit Science, M.S. Univ. of Baroda since 1965 ; *b* 24 July 1921 at Baroda ; *Edn* : M.Sc. (Org Chem) in 1948 from Baroda College, Bombay Univ.; *Resech Exp* : For over 10 years ; *Exp*. Graduate Demonstrator 1943-45, Lecturer 1945-66, Officiating Reader 1966 - & Head of Prep. Unit Science 1965—at M.S. Univ. of Baroda ; *Mem* : Board of Studies & Senate of Baroda Univ.; *Knows* : English, Gujarati & Hindi ; *Hobb* : Welfare of poor students community ; *Add* : Warden, K. M. Munshi Hall, Univ. Campus, Baroda-2.

SHAH, (Km) Daxa Jaswantlal—Dept. of English, Gujarat College, Ahmedabad since 1962 ; *b* 11 January 1943 at Ahmedabad ; *Edn* : M.A. (English) in 1964 with 2nd position from Gujarat Univ. ; *Honours* : Awarded National Scholarship in 1962, Shri Popatlal Girdharlal Scholarship in 1960 ; *Exp* : M.P. Shah Arts & Science College, Surendranagar ; School of Languages, Gujarat Univ. ; *Genl* : Deeply interested in up lift of poorer sections of Indian society ; *Knows* : Gujarati, Hindi, English & Sanskrit ; *Hobb* : Classical music, painting & NCC ; *Add* : 1657, Khajuri's Street, Opp. Tankshal, Kalupur, Ahmedabad-1.

SHAH, (Dr) Maneklal Maganlal—Principal, Govindram Seksaria College of Commerce, Wardha since April 1955 ; *b* 11 March 1911 at Vawadi in Dist. Surendranagar ; *Edn* : M.A. in 1937 from Gokhale Institute of Politics & Economics, Poona & Ph. D. (Labour Recruitment and Turnover of Labour) in 1941 from Bombay Univ.; *Resch Exp* : Guiding research for past over 25 years ; *Exp* : Joined G.S. College of Commerce, Wardha in July 1941 ; *Mem* : Ex-Chairman, Board of Studies ; Faculty of Commerc in Nagpur Univ.; Member of Academic Council, Court of Kolhapur, Poona and other Univ.; Hony. Magistrate, Wardha ; All India Commerce Association, Vidarbha Commerce Association, member of Governing Bodies of a few educational Institutions ; *Knows* : English, Hindi, Marathi & Gujarati ; *Hobb* : Swimming and bridge ; *Add* : G.S. College of Commerce, Wardha.

SHAH, (Dr) Nagindas Jivanlal—Dy. Director, L.D. Bharatiya Sanskrit Vidya Mandir, Ahmedabad since 1966 ; *b* 13 January 1931 at Sayala in Dist. Surendrangar ; *Edn* : M.A. (Sanskrit) in 1958 & Ph. D. in 1964 from B.J. Institute ; *Resch Exp* : For past 10 years ; *Pub* : Book-Akalanka's Criticism of Dharmakirti's Philosophy ; papers about 10 ; *Exp* : D.K.V. College, Jamnagar 1958-60 ; Research Officer 1960-66 & Dy. Director since 1966 at L.D. Institute of Indology ; Visiting Prof. to Gujarat Univ. since 1964 ; *Knows* : English, Hindi, Sanskrit, Gujarati, Prakrit & Bengali ; *Add* : L.D. Institute of Indology, Ahmedabad-9.

SHAH, (Dr) Jaysukhlal Jagmohandas—Head, Dept. of Botany, S.P. Univ. since 1964 ; *b* 10 September 1924 at Jamusar in Dist. Broach ; *Edn* : M.Sc. in 1950 from Institute of Science, Bombay & Ph.D. in 1957 from M.S. Univ. of Baroda ; *Resch Exp* : For nearly 20 years ; *Pub* : On axillary buds, shoot apex, xylem and phloem etc. ; *Exp* : M.T.B. College, Surat ; Annamalai Univ. ; Gujarat Univ. ; *Mem* : Indian Botanical Society, International Society of Plant Morphologists ; *Knows* : Gujarati, English & Hindi ; *Add* : Dept. of Botany, S.P. Univ., Vallabh Vidyanagar.

SHAH, (Dr) Narsinh Muljibhai—Principal, Arts & Science College, Kapadwanj since June 1965 ; *b* 18 December 1899 at Limbdi in Saurashtra ; *Edn* : M.Sc. (Chem) in 1931 & Ph. D. in 1937 from Institute of Science, Bombay ; *Resch Exp* : For nearly 30 years : many students had their Ph.D. and numerous working for it; *Pub:* Books on Practical Chemisstry, Elementry Chemistry, Theory & Problems ; over 100 research paper, in Indian and foreign journals; *Honours*: Awards from Govt. of Maharashtra, Gujarat for best books on popular science ; *Exp* : Karnatak College, Dharwar ; Gujarat College, Ahmedabad ; Ismail Yusuf College, Bombay; St. Xavier's College, Ahmedabad ; *Mem* : Council of Institution of Chemistry ; Fellow of Indian Chemical Society ; Senate & Board of Studies of Gujarat Univ.; *Knows* : English, Gujarati, Hindi, Marathi & German ; *Add* : c/o Dr. S.N. Shah, M.S., Opposite Usha Colony, Navrangpura, Ahmedabad-9.

SHAH, Shantilal Mangaldas—Head, Dept. of Maths. & Stats., S.P. Univ. since 1964 ; *b* 14 December 1927 at Mehmedabad in Dist. Kaira ; *Edn* : M.Sc. in 1951 from Bombay Univ.; *Resch Exp* : For 10 years ; *Pub* : About 30 papers on subjects like infant mortality rates, curve fitting using least absolute deviations etc.; *Exp* : L.D. Arts College, Ahmedabad 1952-58 ; Lecturer 1958-63, Reader since 1963 at S.P. Univ.; *Mem* : Indian Science Congress, Indian Statistical Association, other Univ. bodies ; *Knows* : English, Gujarati & Hindi ; *Add* : C-13, Univ. Colony, Vallabh Vidyanagar, Gujarat.

SHAH, Vimal—Director, Tribal Research & Training Institute, (Gujarat) Ahmedabad since 1963 ; *b* 15 March 1921 at Ahmedabad ; *Edn* : M.A. (Econ) in 1946 from Bombay Univ. & Honours in French Language Course ; *Resch Exp* : For 10 years ; carried several project researches on behalf of Planning Commission; *Pub*: Social Economic Survey of Bhuval, Co-op. Farming in Gujarat, Perspective Village Planning, Tribal Education in Gujarat, Tribes in Gujarat, Changing Rural Structure in Gujarat, Scope of Khadi & Village Industries etc.; *Exp* : Development Officer in Khadi & Village Industries Commission ; *Mem* : Gujarat State Co-op. Farming Board, Director of Rekha Co-op. Printing & Publishing Soc. Ltd., Indian Council of World Affairs ; *Knows* : Gujarati, Hindi, English & French ; *Honours* : Rs. 1000/-cash award from Gujarat Govt.; *Add* : Sarabhai Nivas, Near Ellis Bridge P.O., Ahemdabad-6.

SHAH, (Dr) Vinodhchandra H.—In charge, All India Co-ordinated Maize Agronomy Project, IARI, New Delhi since July 1964 ; *b* 17 October 1933 at Chorvad in Dist. Junagadh ; *Edn* : M.Sc. (Agronomy) in 1957 from Gujarat Univ & Ph. D. (Botany & Soils) in 1960 from Wisconsin Univ., USA ; *Resch Exp* : For ten years ; *Pub* : A few research papers on subjects like hybrid maize, interculturing in row crops etc.; *Exp* : Univ. of Wisconsin; IARI (New Delhi) ; *Mem* : Indian Society of Agronomy, Pusa Research Society ; *Knows* : English, Gujarati, Hindi & Sanskrit ; *Visited* : USA ; *Add* : Dept. of Agronomy, I.A.R.I., Hillside Road, New Delhi-12.

SHAHANI, (Dr) Pritamdas Bulchand—Head, Survey & Photogrammetry, Univ. of Roorkee since 1965 ; *b* 2 May 1911 at Hyderabad, Sind (W. Pakistan) ; *Edn* : Ph. D. in 1966 (first

of its kind in India) from Roorkee Univ.; *Pub* : Book - Modern Surveying (2 parts) , Higher Surveying, Practical Surveying, Road Engineering, Viva in Surveying; several papers; *Honours* : Sita Bai Scholarship, J.B. Advani Scholarship ; *Exp* : Karachi Municipal Corporation (Building Surveyor) 1934-42 ; N.E.D. Engg. College, Karachi 1942-48 ; joined Roorkee Univ. in 1948 and held different positions since then ; *Mem :* Institution of Engineers, Institution of Surveyors, Institution of Municipal Engineers (London) ; *Genl* : Captain in NCC for 13 years ; played cricket in Ist eleven in Ranji Trophy ; selected for advanced training in USA under TCM Scheme during 1965-66 ; *Knows* : Sindhi, English, Hindi, Persian etc.; *Visited :* USA 1956-57 & 65-66 ; *Add* : Dept. of Civil Engg., Roorkee Univ., Roorkee.

SHAMLAL, A. S.—Reader in Sociology, Arts & Science College, Secunderabad since 1963 ; *b* 5 May 1922 at Hyderabad ; *Edn :* M.A. (Sociology) in 1948 from Osmania Univ.; *Resch Exp :* In the field of Paigahs - A Sociocultural Study ; *Exp* : Arts & Science College, Gulbara ; Chaderghat College of Arts, Secunderabad ; *Mem :* A few social and educational bodies ; *Genl :* Interested in scouting and guiding ; Head Qrs. Commissioner for Rovers (Hyderabad) ; *Knows :* Telugu, Urdu, Hindi & English ; *Hobb* : Hindustani classical music ; *Add :* Arts & Science College, Secunderabad-3.

SHAMSHER PRAKASH, (Dr)- Prof. of Soil Dynamics, School of Resch. & Training in Earthquake Engg., Univ. of Roorkee since December 1967; *b* 3 January 1933 at Mansa in Panjab; *Edn:* P. G. Dip. in Soil Mech. in 1959 from Univ. of Roorkee; M. S. in 1961 & Ph. D. in 1962 from Univ. of Illinois; *Resch Exp*: For nearly 15 years; *Pub*: A Text book of Soil Mechanics, Problems in Soil Mechanics, Introductory Soil Testing, Soil Mechanics Laboratory Manual (in 2 Parts); one bibliography, thesis on Poles subjected to lateral loads and pile groups subjected to lateral loads; a few technical reports and papers; *Honours:* Awarded Khosla Research Silver Medal 1965; *Exp*: U. P. Irrigation Dept.; Panjab P. W. D.; *Mem:* Indian Society of Earthquake Technology, Indian National Society of Soil Mechanics & Foundation Engg., Institution of Engineers (Secy. of Roorkee sub. centre 1967), Institution of Civil Engineers (London), American Society of Civil Engineers; *Knows*: Hindi, English, Panjabi & Urdu; *Visited*: USA & Thailand ; *Hobb* : Photography, yoga and tennis; *Add*: School of Resch. & Trg. in Earthquake Engg., Roorkee Univ. Roorkee.

SHAMSHER SINGH, (Dr)—Prof. & Head, Dept. of Anatomy, College of Medical Sciences, BHU since February 1961; *b* 5 June 1924 at Gojra in Dist. Lyallpur; *Edn* : MBBS in 1949, MS in 1957; *Pub*: About 20 papers on subjects like clavicle, congenital malformations, Atlanto-occipital Fusion, recurrent laryngeal nerve, rat embryo, chick embryo etc.; *Exp*: Medical College, Amritsar; Medical College, Patiala; Azad Medical College, Delhi; *Mem*: Anatomical Society of India, Indian Association for Advancement of Education, Congenital Anomalies Research Association of Japan, Association of Endocrinology & Metabolism of India; *Knows*: English, Panjabi, Urdu & Hindi; *Visited*: USA ; *Hobb :* Religion; *Add* : Dept. of Anatomy, College of Medical Sciences, BHU, Varanasi-5.

SHANKAR, (Dr) Prem—Asstt. Prof. of Hindi, Saugar Univ. since 1956; *b* 2 February 1930 at Sitapur; *Edn*: M. A. (Hindi) in 1950 from BHU & Ph. D. (Poetry of Jayashankar Prasad) in 1953; *Pub*: A book on Prasad Ka Kavya ; contributing articles, poems, essays to almost all Hindi journals; *Honours :* Awarded by U. P. Govt.; *Exp*: Lucknow Christian College, Lucknow 1954-56; *Mem*: All India Oriental Conference, Bharatiya Hindi Parishad, All India Writers Conference; *Knows*: English, Hindi & Sanskrit; *Hobb*: Gardening; *Add*: Dept. of Hindi, Saugar Univ., Sagar.

SHANMUGANATHAN, (Dr) S. P.—Principal, Pachaiyappa's College, Madras since 1966; *b* 13 July 1923 at Devakottai in Dist. Ramanathapuram; *Edn*: M. Sc. (Chem) in 1953 & Ph. D. in 1956 from Annamalai Univ.; *Resch Exp*: For nearly 20 years; *Pub*: About 20 research papers in Indian and foreign journals; *Exp*: Total teaching experience of over 20 years; since 1959 Head of Dept. in and since 1966 as Principal; *Mem*: Indian Chemical Society; *Knows*: Tamil, English, German & French; *Visited*: Malaya; *Hobb*: Music, stamp collecting and gardening; *Add*: Pachaiyappa's College, Madras-30.

SHARAF, Besahoolal - Principal, Law College, Shahdol since 1961; *b* 19 March 1915 at Bije Raghogarh in Dist. Jabalpur; *Edn*: M. A. (Hindi) in 1947 & LL. B. in 1941; *Pub*: Chhayabad ki Roop Rekha, Martand (in three parts); *Honours*: Sahitya Ratna from Hindi Sahitya Sammelan, Allahabad; *Exp*: Hindi Sahitya Vidyalaya, Jabalpur 1941-43; practising as advocate; *Mem*: President, Vidhi Shikchha Samiti, Shahdol; President, Vindhya Pradeshik Hindi Sahitya Sammelan (Shahdol Branch); Member, Bar Association of India, Dist. Bar Association; Academic Council, Faculty, Court, Examination Cttee of Saugar Univ.; Law Secy., Central India Coalfields Mining Association; *Knows*: Hindi & English; *Add*: Law College, Radha-ballabh Sadan, Shahdol, M. P.

SHARAN, (Dr) R. H. - Dept. of Pol. Sc., BHU since 1953; *b* 21 November 1931 at Varanasi; *Edn*: M. A. (Pol Sc.) in 1953 & Ph. D. in 1967 from BHU; *Resch Exp*: For 7 years; *Pub*: On The Communist China and the U. N., Seato: A regional defence Pact, Indo-Nepalese Relations; a text book on the Federal Govt. of Canada etc.; *Exp*: at BHU for past 15 years; Sydney Univ. 1963-64; *Mem*: Acharya Narendra Deva Sansthan; President of Indian Students Association (Sydney 1963-64); *Knows*: English, Hindi & French; *Visited*: Australia, New Zealand, Hong Kong, Singapore, Malaya; *Hobb*: Photography; *Add*: Dept. of Pol. Sc., BHU, Varanasi-5.

SHARMA, A.R.—Principal, Sohanlal College of Education, Ambala City since June 1964 ; *b* 1 July 1926 at Ahmedabad ; *Edn* : M.A. (English) in 19 53 from Agra Univ. & M.Ed. in 1949 with first class 2nd from Delhi Univ. ; *Pub* : Books—School Organisation, Teaching of Mathematics, Psychological & Educational Measurements, Experimental Psychology, Current Problems of Indian Education ; *Exp* : K.R. Training College, Mathura for 9 years ; N.A. S. College, Meerut for 6 years ; *Mem* : Faculty & Board of Studies in Punjab Univ.; *Knows* : English, Hindi, Sanskrit, Urdu & Punjabi ; *Hobb* : Reading, writing and photography ; *Add* : Sohanlal College of Education, Ambala City.

SHARMA, (Dr) Arun Kumar—Reader in Botany & In-charge, Cytogenetics Lab., Univ. of Calcutta ; *b* November 1924 at Calcutta ; *Edn* : M.Sc. with first class first and winning Medals in 1945 & D.Sc. (Cytogenetics & Cytochemistry) in 1955 from Calcutta Univ. ; *Resch Exp* : Guided and still guiding over 50 research students ; *Pub* : Over 200 research articles in Indian and foreign journals ; a book on Chromosome Techniques-Theory & Practices ; *Honours* : Awarded Asutosh Medal and other prizes ; *Exp* : Joined Calcutta Univ. in 1946 as Lecturer and held different positions ; *Mem* : Ecological Society of America, Botanical Society of Bengal (Ex. Vice-President & treasurer) ; Society of Cytologists & Geneticists, Indian Science Congress ; Chief Editor of The Nucleu ; examiner for Ph.D. & M.Sc. ; *Knows* : English, Bengali & Hindi ; *Visited* : Canada 1958, Holland 1963, W. Germany 1964, UK 1967 ; also Finland, Belgium, Germany, France, Italy, Switzerland, Holland, Sweden & Hungary to hold discussions, deliver lectures and to attend conferences ; *Add* : Dept. of Botany, Univ. of Calcutta, Calcutta-19.

SHARMA, (Dr) Basantilal Daya Shankar—Director, English Language Teaching Institute, Bhopal since January 1968 ; *b* 10 July 1916 at Jharda in Dist. Ujjain ; *Edn* : M.A. (Hindi) in 1941 from Agra Univ. & Ph.D. (Edn) in 1964 from Vikram Univ. ; *Resch Exp* : In a new concept of educational administration in India ; *Pub* : History of Primary Education, Basic Educational Psychology, Buniyadi Shiksha Siddhant, Buniyadi Pathan Paddhatiyan etc. ; *Exp* : Sec. School Teacher 1934-46 ; Lecturer 1946-49 & Principal 1952-54 in Training Schools ; Lecturer 1949-52 & Prof. 1960-65 at Training Colleges ; Asstt. Director of Public Instructions 1954-57 ; State Educational Survey Officer 1957-59 ; Asstt. Secy., Board of Sec. Education 1959-60 ; Dy. Director of Public Instructions 1965-67 ; Principal, College of Education 1967-68 ; *Genl* : Interested in Yoga and spiritual literature ; *Knows* : Hindi, English & Sanskrit ; *Add* : English Language Teaching Institute, Bhopal.

SHARMA, (Dr) Bellikoth Ramachandra—Director, Kendriya Sanskrit Vidyapeetha, Tirupati since August 1962 ; *b* 27 July 1912 at Bellikoth in Dist. Cannanore ; *Edn* : M.A. (Sanskrit) from Madras Univ., Ph.D. (Vedic Literature) from Deccan College, Poona ; A.L.A. (Lib Sc) from Leeds School of Librarianship, Leeds, UK ; *Resch Exp* : For last 25 years in Vedic literature and philosophy ; *Pub* : 15 books like Nanaratharatnamala, Sabda Ratnakara, Vamsha Brahmana, Arseya Brahamana Jaiminiya Upanisad Brahmana and about 20 articles ; *Exp* : Headmaster, Shrinivasa Pathshala, Mangalore 1936-43 ; Curator, Anup Sanskrit Library, Bikaner ; Prof., Mithila P.G. Research Institute, Darbhanga 1952-62 ; *Mem* : Linguistic Society of India, Vishveshvarananda Vedic Research Institute (Hoshiarpur), Jt. Genl. Secy. of All India Oriental Conference ; *Knows* Konkani, Kannada, Malyalam, Hindi, Marathi, Tamil, English & Sanskrit ; *Visited* : UK, France & Italy for education ; *Add* : c/o Dr. B. L. Shenoy, Shenoy Nursing Home, Maredpalli, Secunderabad.

SHARMA, Braj Kishore—Retired ; *b* 1 May 1905 at Bulandshahr in U.P. ; *Edn* : M.A. (Pol Sc) in 1938 from Allahabad Univ. & M.A. (History) in 1942 from Nagpur Univ. ; *Pub* : Elections in Himachal Pradesh ; several papers ; *Exp* : For 20 years in Shri Rana P.C.S.D. Bhargava College 1945-65 and retired as Principal ; P.U. Evening College, Simla 1965-66 ; P.U.P.G. Centre, Simla 1967 ; *Mem* : Indian Political Science Association, Indian Council of World Affairs, Rotary Club, Masonic Lodge ; previously associated with a large number of Univ., spiritual and social organisations ; *Knows* : English, Hindi & French ; *Genl* : Deeply interested in yoga, religion, music and social welfare ; *Add* : Townsend, Jakhu, Simla-1.

SHARMA, Chandra Prakash—Head, Dept. of Drawing & Painting, D.S. College, Aligarh since July 1964 ; *b* 1 October 1917 at Aligarh ; *Edn* : M.A. (Geog) in 1960 & M.A. (Drawing & Painting) in 1964 from Agra Univ. ; *Exp* : Shri V.C. Jhuria H.S. School, Hathras ; Shri Barahseni College, Hathras ; Dharam Smaj College, Aligarh ; Dharam Smaj Training College, Aligarh ; *Mem* : Facuty of Arts & Board of Studies in Agra Univ. ; *Knows* : Hindi, Urdu, English & Sanskrit ; *Hobb* : Painting ; *Add* : D.S. College, Aligarh.

SHARMA, (Dr) Chandradhar—Prof. & Head, Dept. of Philosophy, Univ. of Jabalpur since 1960 ; *b* 31 January 1920 at Kota in Rajasthan ; *Edn* : M.A. (Phil) in 1942, LL.B. in 1944, D. Litt. in 1951 & D. Phil. in 1947 from Univ. of Allahabad ; Acharya in Sanskrit from Sanskrit Univ., Varanasi ; *Pub* : Books—Dialectic in Buddhism & Vedanta, A Critical Survey of Indian Philosophy, Pashchata Darshana, Baudha Darshana Aur Vedanta, and many others ; *Honours* : Three book awarded best books prizes by U.P. Govt. ; *Exp* : BHU 1948-60; *Mem* : Indian Philosophical Congress and Univ. bodies ; Fulbright Visiting Prof. 1963-64 ; *Visited* : USA ; *Knows* : Hindi, Sanskrit & English ; *Add* : Dept. of Phil., Jabalpur Univ., Jabalpur.

SHARMA, (Dr) Devendra—Prof. & Head, Dept. of Physics, Univ. of Gorakhpur since May 1958 ; *b* 28 July 1919 at Lahara in Dist. Aligarh ; *Edn* : M.Sc. in 1941 & D.Phil. (Spectroscopy) in 1946 from Univ. of Allahabad ; *Resch Exp* : In the field of molecular spectra and structure ; guiding numerous research workers ; *Pub* : Over 30 research papers and many popular scientific articles ; *Honours* : Awarded Education Minister's Gold Medal of National Academy of Sciences of India in 1954 ; delivered Prof. M.N. Saha Memorial Lectures 1964 ; *Exp* : Univ. of Allahabad 1946-58 ; *Mem* : Council of the National Academy of Sciences of India & Indian Physical Society ; Dean, Faculty of Science, Univ. of Gorakhpur 1962-65 ; Board of High School & Intermediate Education (U.P.); *Knows* : Hindi, English, Urdu & German ; *Visited* : Canada for research ; *Add* : Dept. of Physics, Gorakhpur Univ., Gorakhpur.

SHRAMA, (Dr) Dharmvir—Prof. & Head, Dept. of Zoology, Govt. Science College, Jabalpur since July 1964 ; *b* 1 June 1923 at Mangrulpir in Dist. Akola ; *Edn* : M.Sc. (Zool) in 1948 & Ph. D. in 1956 from Nagpur Univ.; *Resch Exp* : In the anatomy and physiology of mammals and their histochemistry and immunology ; *Pub* : Over 20 papers in Indian and

foreign papers ; *Exp* : Govt. Science College, Nagpur ; Govt. Science College, Raipur ; *Mem* : Zoological Society of London, Zoological Society of India, American Association of Anatomists, American Association of Mammalogists ; *Knows* : English, Hindi, Marathi, Punjabi & German ; *Visited* : Canada, USA, UK, Germany & France 1962-64 ; *Add* : c/o Dr. B.P. Sharma, Kokanwadi, Murtazapur (M.S.)

SHARMA, (Dr) Ganpati Parshad—Prof. & Head, Dept. of Zoology, Punjab Univ. since 1959; *b* 11 December 1917 at Ambala City ; *Edn* : M.Sc. (Zool) in 1941 with first class first & Ph. D. (Cytology) in 1945 from Punjab Univ. & Ph. D. (Genetics) in 1947 from Univ. of Edinburgh, UK ; *Resch Exp* : For past 30 years ; *Pub* : Nearly 100 research papers mostly on subjects like blood spots and miniature eggs, abnormal intra follicular ouvm, live-stock, Hariana breed of cattle, spermatogenesis of different animals, artificial insemination in cattle, chromosome of the spider etc.; *Exp* : Since 1940 teaching at the Panjab Univ.; *Mem* : Sectional President of the Indian Science Congress (1966) ; Fellow, Academy of Zoology, Indian Academy of Zoology, Zoological Society (London), Zoological Society of India, Royal Microscopical Society (London), National Academy of Sciences, National Institute of Sciences of India ; *Knows* : English, Hindi, Urdu, Punjabi, Sanskrit & German ; *Visited* : UK, Denmark, Sweden, Holland, Belgium, France, Switzerland, Italy & Ceylon ; *Hobb* : Collection of stamps and coins ; *Add* : Dept. of Zoology, Punjab Univ., Chandigarh-14.

SHARMA, (Dr) Gopi Nath—Reader in History, Rajasthan Univ., Jaipur since 1963 ; *b* 3 May 1909 at Udaipur ; *Edn* : M.A. (History) in 1937, Ph. D. in 1951 & D. Litt. in 1967 from Agra Univ.; *Resch Exp* : For past nearly 20 years ; guiding numerous research workers ; *Pub* : Mewar & the Mughal Emperors, The Mughal influence in Mewar, A Bibliography of Medieval Rajasthan, Europe-ka-Itihas, Antar-rashtriya Sambandh, Bharat ka Sampurna Itihas, Vishwa Itihas ki Ruprekha, Adhunik Vishwa-ka-Itihas, Nagarik Shastra-ki-Ruprekha, Samajik Gayan etc.; About 100 research papers ; *Exp* : M.B. College, Udaipur & M. K. College, Jodhpur 1947-63 ; *Mem* : Indian Historical Records Commission, Indian History Congress (Local Secy), Convenor of Studies in History of Rajasthan Univ., member of other Univ. bodies ; *Knows* : English, Hindi, Gujarati & Sanskrit ; *Add* : c/o M/s Lakshmi Narain Agarwal, Hospital Road, Agra-3.

SHARMA, Govardhan Rai—Prof. & Head, Dept. of A.H.C. & Archaeology, Allahabad Univ. since 1955 ; *b* 13 August 1919 at Vill. & P.O. Hariharpur in Dist. Ghazipur ; *Edn* : M.A. in 1942 with first class first from Allahabad Univ.; *Pub* : Excavations at Kausambi, Memoir of Archaeological Survey No. 74, many articles in various journals ; *Exp* : Since 1944 teaching at the Allahabad Univ.; *Mem* : President of Archaeology Section of Oriental Congress (Srinagar 1962) ; President of Allahabad Univ. Teachers' Association ; *Knows* : English, Sanskrit, Hindi, Urdu & Bengali ; *Visited* : USSR & Nepal ; *Add* : 74, Dilkusha, New Katra, Allahabad.

SHARMA, (Dr) Goverdhan—Head, Hindi Dept., Gujarat College, Ahmedabad since May 1960 ; *b* 1 July 1927 at Jodhpur ; *Edn* : M.A. (Hindi) in 1954 with first class first and winning Gold Medal from Jaswant College, Jodhpur & Ph. D. in 1962 from Rajasthan Univ.; *Resch Exp* : Guiding research work ; working for D. Litt.; *Pub* : Kala aur Sahitya, Kuchh Phul : Kuchh Shul, Chandbardai aur Prithviraj Raso, Prachin Rajasthani Kavi (2 Parts), Yeh Desh Hamara Hai, Rajasthani Sahitya ke Jyotishpunj, Dingl Sahitya, Rangashtak etc.; *Honours* : Rajasthan Sahitya Akademi Award, Gold Medal & U.P. Govt. Prize ; *Exp* : D.K.V. College, Jamnagar; Vidarbha Mahavidylaya, Amraoti ; *Mem* : Bhartiya Hindi Parishad, Nagari Pracharini Sabha ; *Knows* : Hindi, English, Prakrit, Apabhrmsa, Rajasthani & Gujarati ; *Add* : Dept. of Hindi, Gujarat College, Ellis Bridge, Ahmedabad-6.

SHARMA, Govind—Field Publicity Officer, Govt. of India, Ministry of I & B, Madhubani since July 1966 ; *b* 20 September 1937 at Khaira (Gaya) ; *Edn* : M.A. (History) in 1965 with first position from Magadha Univ.; *Pub* : Books - Adhunik Shiksha aur Samasyayen, Raja Rani, Khandhar Bolte hai, Kashmir Hamara Hai, Shikshan Bidhi, Jug Badal Gaya, Role of Parent-Teacher Association ; over 20 articles on educational topics ; *Honours* : Awarded Sahityalankar from Deoghar Vidyapeeth ; *Exp* : Teaching experience of five years in Institute of Teachers Training ; *Mem* : Maitri Club (Agr); Hony. Jt. Editor of 'Kishore Shiksha'; *Knows* : Hindi, English & Bengali ; *Add* : Vill. Khaira, P.O. Mahapur, Via Kawakole (Gaya).

SHARMA, (Dr) Har Swarup—Assoct. Prof. of Mathematics, Agra College, Agra ; *b* 1 January 1923 at Kursanda in Dist. Mathura ; *Edn :* M.A. (Maths) with first class first in 1948 from Agra College, Agra & Ph. D. in Fluid Dynamics ; *Pub :* Over 40 text books upto the M.A., M.Sc. standard ; nearly 100 research papers in Indian and foreign journals ; *Exp* : For past 21 years teaching at Agra College ; *Mem* : Indian Mathematical Society. Agra Mathematical Society, Indian Academy of Mathematics ; *Knows* : Hindi, English & Urdu ; *Add* : 12, New Rajamandi, Agra-2.

SHARMA, (Dr) Harish Chandra—Dept. of Horticulture, Rajasthan College of Agri., Udaipur since 1964; *Edn*: M.Sc. (Hort) in 1960 from IARI, New Delhi & Ph. D. in 1967 from Ohio State Univ., USA ; *Resch Exp* : For five years ; *Pub* : Effect of time and severtiy of pruning on growth, yield and fruit quality of *phalsa* ; *Exp*: Total experience of 8 years ; *Mem* : American Society of Horticultural Science (USA), Horticulture Society of India, American Society of Plant Physiology (USA) ; *Genl* : Worked as 2nd Lt. in NCC before going abroad ; *Knows* : Hindi & English ; *Visited* : USA for higher education ; *Hobb* : Swimming, gardening and reading ; *Add* : Dept. of Horticulture, Rajasthan College of Agri., Udaipur.

SHARMA, (Mrs) Indira—Principal, Shree Narayan Shukla Girls Degree College, Unnao since July 1968 ; *b* 1 January 1931 at Allahabad ; *Edn* : M.A. (Hindi) in 1951 with first class first with 2 Gold Medals from Allahabad Univ.; *Exp* : S.N. Sen Balika Vidyalaya, Kanpur 1952-53 ; S.N. Sen Degree College, Kanpur 1953-64 ; A.N.D.M.M. Degree College, Kanpur 1964-66 ; A.N.D.M.M. Mahavidyalaya, Kanpur 1966-68 ; *Mem* : Senate of Agra Univ.; Executive Cttee of Kanpur Univ.; Member of Hindi Teachers' Association ; *Knows* : Hindi & English ; *Hobb* : Literary pursuits ; 106/239, Gandhi Nagar, Kanpur.

SHARMA, (Dr) Indra Sain—National Institute of Eudcation, Green Park New Delhi ; *b* 2 January 1935 at Vill. Nagal in Dist. Meerut ; *Edn* : M.A. (Hindi) in 1959 from D.A.V. College, Dehra Dun ; B.T. in 1961 from D.J. College, Baraut ; Dip. in 1965 from N.I.E. New Delhi & Ph. D. (Hindi) in 1967 from Agra Univ.; *Pub* : Yuva Vradu, Methods of Teaching Language, Teaching Handwriting, Teaching Reading, Samajik Gyan etc. besides 50 articles ; *Exp* : D.A V. Degree College, Khekra, Meerut ; *Mem* : All India Association of Teacher Educators ; *Knows* : Hindi, English, Gujarati, Panjabi, Garhwali & Sankrit ; *Genl* : Translated four books into Hindi, conducted several studies ; *Add* : D-18 A, Green Park, New Delhi-16.

SHARMA, (Dr) Jagdish Chandra—Supdt., National Homoeopathic Medical College & Hospital, Lucknow since 1959 ; *b* 15 June 1913 at Lucknow ; *Edn* : D.F.Hom. in 1958 from Royal London Homoeopathic Hospital, London ; *Resch Exp* : In diabetes and hypertension ; *Pub* : Several papers in homoeopathic journals ; *Honours* : Gold Medal in BMS ; *Exp* : Private medical practice since 1933 ; teaching experience of past 15 years ; *Mem* : Dean, Faculty of Homoeopathy of Agra Univ. 1961-67 and now in Kanpur Univ. ; Homoeopathic Advisory Cttee to Govt. of India, Homoeopathic Education Sub-Cttee of Govt. of India, Homoeopathic League, All India Institute of Homoeopathy, associated with numerous social and educational bodies ; *Knows* : English, Hindi, Urdu & Punjabi ; *Visited* : UK, France & Germany ; *Add* : National Homoeopathic Medical College & Hospital, Ganga Prasad Road, Lucknow.

SHARMA, (Dr) Kailash Nath—Personnel Officer, Godrej Soaps (P) Ltd., Bombay-79 since September 1967 ; *b* 4 December 1933 at Sarendhi in Dist. Agra ; *Edn* : L.T. in 1953 from B.R. College of Education, Agra ; M.A. (Psy) in 1956 from St. John's College, Agra & D.Phil. in 1961 from Calcutta Univ. ; *Resch Exp* : For over 10 years in industrial psychology, psychological testing and human relations ; *Pub* : About 50 research-papers, technical articles and popular articles ; *Exp* : D.M. College, Moga 1956-57 ; Indian Statistical Institute, Calcutta 1957-62 ; Bombay Textile Research Association, Bombay 1962-67 ; *Mem* : Numerous psychological and management associations in India ; *Knows* : Hindi & English ; *Add* : 607, Parimal, Ratilal B. Mehta Road, Ghatkopar, Bombay-77.

SHARMA, (Dr) Kali Nath—Head, Dept. of Zoology, Gauhati Univ. since 1965 ; *b* 1 February 1921 at Nalbari in Dist. Kamrup ; *Edn* : M.Sc. in 1942 & Ph.D. (Animal Genetics) in 1959 from Edinburgh Univ. ; *Resch Exp* : in the field of comparative anatomy and genetics of gametes ; *Pub* : Book—Practical Zoology for Beginners ; papers on Spermatozoa in inbred strains of mice, heterosis in gametic phenotype ; *Exp* : Cotton College, Gauhati, Lecturer 1942-52 & Prof. 1953-65 ; *Mem* : Genetical Society of London, Assam Science Society, Gauhati Study Circle ; many Univ. bodies ; *Knows* : English, Assamese, Bengali, Hindi & Sanskrit ; *Visited* : UK for research ; *Genl* : Commissioned Officer in NCC 1948-54 ; *Hobb* : Folk-songs and indoor games ; *Add* : Dept. of Zoology, Gauhati Univ., Gauhati-14.

SHARMA, (Dr) Laxman Kumar—Head, Dept. of Plastic Surgery, Plastics & Maxillo-Facial Surgery, Nagpur since June 1966 ; *b* 1 June 1933 at Kanpur; *Edn*: M.S. in 1961 from K.G. Medical College, Lucknow; Training in Plastic Surgery in 1961-62, Grand Medical College, Bombay ; Training in Plastic Surgery 1962-64 in Maxillo-Facial Surgery, M. Ch. (Plastic Surgery) in 1965 from Medical College, Nagpur ; *Resch Exp* : In cleft lip and palate, congenital malformation of hand, split skin graft and donar area, haemangioma, acute hand injury etc. ; *Exp* : K.G. Medical College, Lucknow ; Grand Medical College, Bombay ; *Mem* : Panel of Experts, Govt. Home for Crippled Children (Nagpur), Association of Surgeons of India, Univ. bodies ; *Knows* : Hindi & English ; *Add* : Dept. of Plastic & M.F. Surgery, Medical College, Nagpur.

SHARMA, Laxmi Narain—Dept. of Commerce, Govt. College, Rampur since August 1966 ; *b* 15 April 1939 at Ujjain ; *Edn* : M. Com. with first class fourth position from Madhav College, Ujjain in 1963 ; M.A. (Econ) ; *Exp* : Madhav College, Ujjain 1964-66 ; *Knows* : Hindi, English & Urdu ; *Hobb* : Reading and teaching ; *Add* : 143, Ankpat Road, Awantipura, Ujjain.

SHARMA, (Dr) M. R.—Principal, Nagarjunasagar Engg. College, Saifabad since May 1965 ; *b* 24 October 1926 at Pidaparru in Dist. Guntur ; *Edn* : Ph.D. (Elec Engg) in 1949 from Univ. of Liverpool, UK ; *Resch Exp* : For nearly 5 years ; *Pub* : A few papers in Indian and foreign journals ; *Exp* : The British Thomson-Houston Co., Rugby, UK ; The Madras State Elec. Dept. ; Govt. College of Techy., Coimbatore ; Govt. College of Engg., Anantapur ; College of Engg., Madras ; *Knows* : English & Telugu ; *Visited* : UK, France & Switzerland ; *Hobb* : Tennis and other games ; *Add* : Nagarjunasagar Engg. College, Saifabad, Hyderabad.

SHARMA, N. L.—Principal. P.D.P.G. College of Commerce, Raigarh since September 1965; *b* 15 June 1922 at Hopardi in Dist Jodhpur ; *Edn* : M.Com. in 1950 from G.S. College of Commerce, Wardha ; Stats. in 1954 from Indian Statistical Institute ; *Resch Exp* : For nearly 20 years ; *Pub* : A large number of papers in Indian and foreign journals ; *Exp* : G.S. College of Commerce & Economics, Jabalpur for 15 years ; *Mem* : Asiatic Statistical Institute, Lions Club, Dean of Faculty of Commerce in R.S. Univ ; member of Faculty of Commerce in Jabalpur & Vikram Univ. ; *Knows* : Hindi, English, Marathi & Sanskrit ; *Visited* : Ceylon in 1954 ; *Add* : P.D.P.G. College of Commerce, Raigarh, M.P.

SHARMA, Niranjan Lal—Hony. Prof., Indian School of Mines, Dhanbad since 1961 ; *b* 22 July 1901 at Gabhana in Dist. Aligarh ; M.Sc. in 1924 from BHU & M.Sc. in 1938 from Univ. of Liverpool ; *Resch Exp* : For nearly 40 years in mineralogy, petrology and economic geology ; *Pub* : Several books in Hindi and English ; numerous original papers in Indian and foreign papers ; *Exp* : Dept. of Geology, BHU 1924-27 ; Lecturer 1927-46, Prof. & Head of Dept. 1946-61 at Indian School of Mines, Dhanbad ; *Mem* : Mining, Geology & Metallurgical Institute, Indian Society of Engineers ; *Knows* : English, Hindi & Urdu ; *Visited* : UK 1931-37 ; *Add* : Jagjiwan Nagar Colony, Dhanbad or E-1/15, Model Town, Delhi-9.

SHARMA, P. L.—Principal, Govt. Arts & Crafts Teachers Training College, Nabha since October 1955 ; *b* 21 October 1921 at Farid Kot in Dist. Bhatinda ; *Edn*: M.A. (Punjabi) in 1956; *Resch Exp* : In Child art ; *Pub* : On need for re-orientation of Art-education in State of Punjab, creative arts and its place in our society ; numerous articles published ; *Exp* : Govt. Balbir High School, Faridkot for 8 years ; Govt. Raj High School, Sangrur for 1 year ; Govt. P.G. Training College, Faridkot for 4 years ; *Mem* : Founder-Vice-President of Nabha Club ; Secy., Self-Culture Association of India ; Secy. of Art & Culture Society ; Secy., Swami Vivekanand Rock Memorial Fund Cttee (Nabha) and many other social, educational and cultural bodies ; *Knows* : English, Hindi, Punjabi, Urdu & Persian ; *Hobb* : Music, painting and day-dreaming ; *Add* : Govt. Arts & Crafts Teachers' Training College, Nabha.

SHARMA, Prabhu Dutt—Principal, Regional College of Education, Ajmer since May 1967 ; *b* 1 March 1914 at Khurja in Dist. Bulandshahr ; *Edn* : M.Sc. (Maths) in 1936 from Allahabad Univ., B.T. in 1942 from BHU & M.Ed. in 1949 from Harvard Univ., USA ; *Pub* : Books—Decimalization of Indian Currency, Metric Weight & Measures, Education of the Handicapped in Australia, Improving Examinations ; *Honours* : Awardee of UNESCO Fellowship ; *Exp* : Teachers' Training College, Ajmer ; Central Institute of Education, Delhi ; Directorate of Extension Programmes for Secondary Education, Delhi ; *Mem* : Associated with many universities ; *Knows* : English, Hindi & Urdu ; *Visited* : USA & Australia ; *Add* : Regional College of Education, Ajmer.

SHARMA, (Dr) (Miss) Prem Lata—Head of Musicology, BHU since 1966 ; *b* 10 May 1927 ; *Edn* : M.A. (Hindi) in 1950, M.A. (Sanskrit) in 1951 & Shastracharya (Sanskrit) in 1955 from BHU ; Ph. D. (Studies in Bhakti Rasa based on Shri Rupa Goswami) in 1954 from BHU ; *Resch Exp* : For past over 10 years guiding research scholars from India and foreign universities ; *Pub* : Sangita Raja, Rasavilas, Chitra Kavya Kautukam, Japasutram, Nada Rup, Sangita Raja (2nd part), Sangita Churnika, Sangit Mimansa etc.; beside 20 papers on subjects like musical aesthetics and literature ; *Exp* : Lecturer 1955-57, Reader since 1957 ; Dean 1957-61 and 1964-66 ; *Mem* : Music Audition Board of AIR Cultural Scholarship Cttee of Govt. of India, Kavi Bharti (Vice-President 1967-68) ; Faculty & Academic Council of BHU ; editor of a few journals ; *Knows* : Sanskrit, Hindi, English, Bengali, Punjabi, Gujarati & Marathi ; *Visited* : USSR in 1966 on behalf of Sangeet Natak Akademi ; *Hobb* : Composing Sanskrit poetry ; *Add* : New E-5, BHU, Varanasi-5.

SHARMA, Priya Vrat—Director, Institute of Indian Medicine, BHU, Varanasi since 1963 ; *b* 1 November 1920 at Mustafapur in Dist. Patna ; *Edn* : A.M.S. (Indian Medicine) in 1940, M.A. (Sanskrit) in 1950 & M.A. (Hindi) in 1952 from BHU ; *Resch Exp* : Nearly 15 years ; *Pub* : Books - Draryaguna Vijnan (2 parts), A Handbook of Physiology, Rogi-Parikasha-Vidhi, Dosha-Karanatwa Mirmansa ; over 25 papers ; *Exp* : Ayurveda College, Begusarai for 7 years ; Ayurvedic College, BHU for 3½ years ; Govt. Ayurvedic College, Patna for 4 years ; Directorate of Health Services, Bihar for 3 years ; *Knows* : Sanskrit, Hindi, English & Bengali ; *Hobb* : Reading and writing ; *Add* : P.G. Institute of Medicine, BHU, Varanasi-5.

SHARMA, (Dr) Raghubir Saran—Reader in Physics, BHU ; *b* 1 December 1914 at Vill. Chhajupur in Dist. Meerut ; *Edn* : M. Sc. (Physics) in 1941 & Ph. D. in 1955 from BHU ; FRAS in 1955 from Astronomical Society (London) & Ph. D. in 1957 from London Univ.; *Resch Exp* : For nearly 25 years ; *Pub* : Ph. D. thesis - Optical & Interferometric Studies on Optical Glasses, Nature of Physical World ; about 20 research papers ; *Exp* : For past 28 years at BHU College of Sciences ; *Mem* : Royal Astronomical Society (London) ; *Knows* : Hindi, Urdu, Persian, English & German ; *Visited* : UK, France, Germany, Holland, Switzerland for further studies ; *Hobb* : Photography and contract bridge ; *Add* : Dept. of Physics, BHU, Varanasi.

SHARMA, Raghunath Prasad—Sr. Officer, U.S. Educational Foundation in India, New Delhi since 1964 ; *b* 2 August 1919 at Agra ; *Edn* : M.A. (History) in 1951, M.A. (English) in 1954 & M. Ed. in 1962 from Agra Univ.; *Resch Exp* : Of guiding M.Ed. dissertations ; *Pub* : Books-Shiksha ke Darshnik Siddhant, Educational & Sec. School Administration, Educational Theories & Modern Trends, Main Constitutions of the Modern World ; *Exp* : For 6 years in a Secondary School and for 16 years in Teachers Training College ; *Knows* : English, Hindi & Urdu ; *Visited* : USA for study of secondary education *Add* : 34, Kandhar Road, Agra.

SHARMA, (Dr) Ram Babu—Hindi Dept., S.V. Univ. since 1961 ; *b* 1 July 1930 at Kursanda in Dist. Mathura ; *Edn* : M.A. (Hindi) in 1953 from B.R. College, Agra & Ph. D. in 1959 from K.M Institute of Hindi Studies & Linguistics, Agra ; *Pub* : Hindi Kavyaroop' Keshav aur Unki Ramchandrika ; papers on Hindi literary subjects ; *Exp* : Started with S.V. Univ.; *Knows* : Hindi, Urdu, English, Sanskrit & Telugu ; *Add* : Hindi Dept., S.V. Univ., Tirupati.

SHARMA, Ram Chandra—Sr. Tech. Officer, Poona Advisory Cell (Govt. of India) 17, Shivaji Housing Society, Poona since September 1968 ; *b* 1 July 1928 at Farrukhabad ; *Edn* : B.Sc. (Engg) in 1950 from BHU; *Resch Exp*: For past nearly 18 years; *Pub:* One brochure on Preventive Maintenance; about 15 papers in Indian and foreign journals; *Honours:* National Award in 1961; two cash prizes for best research papers from Sugar Technologists Association; *Exp:* Kanpur Elect. Supply Administration 1950-51; Govt. Textile Institute, Kanpur 1951-52; National Sugar Institute, Kanpur 1952-68; *Mem:* Sugar Technologists Association; *Genl:* 3 patents obtained; *Knows*: English & Hindi ; *Visited* : UK, France & Germany 1959-60; *Add* : 106/239, Gandhi Nagar, Kanpur.

SHARMA, Ram Prakash - Head, Dept. of Pol. Sc. & Vice Principal, D. A. V. College, Hoshiarpur since 1953; *b* 21 July 1918 at Hoshiarpur; *Edn*: M. A. (History) in 1942 & M. A. (Pol Sc) in 1944 from Punjab Univ.; B. T. in 1948 from E. P. Univ.; *Resch Exp*: For over 15 years; *Pub*: Books - Modern Western Political Thought, Modern Governments, Constitution of Japan, Future of Democracy in India, Principles of Political Science, Indian Constitution & Administration, Elements of Civics, Constitutional History & Constitution of India, Modern Govts. (Hindi & Punjabi) ; numerous papers; *Exp* : S. D. School, Hoshiarpur for 2 years; Cambridge College for Women, Rawalpindi for 1 year ; for past 20 years at D.A.V. College, Hoshiarpur ; *Mem* : Board of Studies, Faculty and other Univ. bodies ; Indian Political Science Association ; *Genl* : Took active part in India's freedom struggle ; member of the executive of political parties like S.P., P.S.P. & S.S.P. at some stages ; *Knows* : English, Hindi, Panjabi & Urdu ; *Add* : D.A.V. College, Hoshiarpur.

SHARMA, (Dr) Ramesh K.—Prof. & Head, Dept. of Hindi, J&K Univ. since August 1965 ; *b* 23 December 1927 at Tehri (Garhwal) in U P.; *Edn* : M.A. (Hindi) in 1949, LL.B. in 1952; Ph. D. in 1958 from Agra Univ. & D. Litt. in 1968 from Agra Univ.; *Resch Exp* : In revaluation of Riti Poetry ; guiding many Ph. D. students and 6 already obtained ; *Pub* : Books - Ritti Kal aur Adhunik Hindi Kavita, Hindi aur Uske Acharya ; about 15 research papers ; *Exp* : Agra College, Agra 1949-64 ; joined J&K Univ. in 1964 ; *Mem* : Agra Univ. Teachers Association ; *Knows* : Bengali, English, Hindi & Kashmiri ; *Add* : House of late Pandit Shri Ram Sharma, Balkabasti, Agra-2.

SHARMA, (Dr) Ramji—Head, Dept. of Botany, Govt. Science College, Rewa since October 1956; *b* 1 July 1929 at Mirzapur; *Edn*: M.Sc. in 1951 from Allahabad Univ. & Ph. D. (Floral Anatomy in the Family Euphorbiaceae with special reference to Cyathium from Vikram Univ. in 1968; *Pub*: Over 15 papers on plant embryology, floral anatomy and other botanical subjects; *Exp*: B.R. College, Agra for 3 years; J.V. College, Baraut for 2 years; Holkar College, Indore; Govt. College, Dhar; S.N. Govt. College, Khandwa; *Mem*: Several educational and social bodies; *Knows*: Hindi, English & German; *Hobb*: Plant collection; *Add*: 64, Roop Ram Colony, Manik Bagh Road, Indore.

SHARMA, Rattan Chand—Prof. & Head, Civil Engg. Dept., Engg. College, Chandigarh since September 1963; *b* 20 December 1923 at Hoshiarpur; *Edn*: B. Sc. (Hons) in 1944 from Lahore & M.S. in 1949 from Purdue Univ., USA; *Resch Exp*: For past nearly 15 years; guiding several research scholars; *Pub*: Books-Principles & Practices of Highway Engg., Soil Testing, Bibliography Annotated of Soils Stabilisation; *Exp*: Punjab P.W.D., B. & R. Dept. for 10 years; joined Engg. College, Chandigarh 15 years back; *Mem*: Sigma Xi, Institution of Engineers, Society of Soil Mechanics & Foundation Engg., Indian Road Congress; *Knows*: English, Hindi, Sanskrit & Punjabi; *Visited*: USA, UK, France; *Add*: Ram Nivas Building, Krishen Nagar, Hoshiarpur.

SHARMA, (Dr) Rattan Chandra—Head of Dept., Dyal Singh College, Karnal since 1952; *b* 19 April 1919 at Goindke, Dist. Sialkot; *Edn*: M.A. (Sanskrit) in 1949, M.A. (Hindi) in 1951, M.O.L. (Sanskrit) in 1950, M.A. (English) in 1962 from Punjab Univ.; *Resch Exp*; Working for Ph. D.; *Pub*: Over 15 books, some of them - The Vedas: An Introduction, Shabasi, Dainik Swadhyaya aur Gitasasa, Premchand, Prabodh Hindi Vyakaran, Hindi Gadya ki Vikas paramparа, Vishwa ke Darshan k, Prachya Darshan, Hindi Gadya ke Rup etc.; *Honours*: Awarded D. Litt. & Sahityacharya by Sanskrit Sahitya Sammelan (Maharashtra); *Exp*: Hindu High School, Baramanga; D.A.V. High School, Gurdaspur; *Mem*: V.V. Research Institute, Hoshiarpur; *Knows*: Hindi, Sanskrit, English, Urdu & Panjabi; *Add*: Dyal Singh College, Karnal.

SHARMA, Shambhu Nath—Dept. of Sanskrit, J & K Univ., Jammu since 1962; *b* 23 August 1936 at Khairi in Dist. Jammu; *Edn*: M.A., M.O.L. in 1958 from Punjab Univ. & Prabhakar in 1959 from J & K Univ.; *Resch Exp*: For 2 years at V.V.R.I., Hoshiarpur; *Pub*: On the origin and development of the Puranas, concept of incarnation; editing Rajatarangini; a book on 'A History of Vedic Literature'; research project on 'Critical Edition of Karka Bhasyaon Katyayana Srautasutras; *Exp*: S.D. College, Pathankot; Govt. College, Poonch; J & K Govt. Education Dept.; *Knows*: Sanskrit, Hindi, Urdu, Panjabi, Dogri & English; *Genl*: Received but declined the offer of Govt. of India to go to Ceylon for teaching; *Add*: Opp. Brij Raj Singh Jambal, Nai Basti, Jammu Cantt., J & K.

SHARMA, (Dr) Shree Pati—Dept. of Hindi, Gorakhpur Univ. since 1958; *b* 19 September 1918 at Gorakhpur; *Edn*: M.A. (English) in 1942 & M.A. (Hindi) in 1944 from BHU & Ph.D. in 1958 from Agra Univ.; *Pub*: Five books—Kahani Kala aur Premchand, Western Drama etc.; *Exp*: Sakseria College, Basti 1944-51; St. Andrew's College, Gorakhpur 1951-58; *Mem*: Several academic bodies and Hindi Sahitya Sammelan; *Knows*: Hindi, English, Sanskrit & Urdu; *Hobb*: Acting, scouting and writing; *Add*: Hindi Dept., Gorakhpur Univ., Gorakhpur.

SHARMA, Shri Gopal--Dept. of Chemistry, Dayanand College, Ajmer since July 1963; *b* 31 July 1934 at Barna in Dist. Etah; *Edn*: M.Sc. (Chem) in 1953 from B.R. College, Agra; *Pub*: Akarbnik Rasayan, Karbanik Rasayan, Krishi Rasayan, Prarambhik Rasayan, Saral Rasayan, Ras yan Parichay; *Exp*: J.V. College, Baraut 1958-60; G. Vidyapeeth, Sangaria 1960-61; R.K.S.D. College, Karthal 1961-63; *Genl*: Deep study of Gita and Upnishads; *Knows*: Hindi, English & Sanskrit; *Hobb*: Swimming; *Add*: Dayanand College, Ajmer.

SHARMA, (Dr) Shri Nath—Prof. & Head, Dept. of Pharmacy, Univ. of Saugar since 1957; *b* 8 September 1925 at Jaipur; *Edn*: M. Pharm. in 1946 from BHU & Ph.D. in 1954 from Manchester Univ; *Resch Exp*: For 20 years in Pharmaceutics; *Pub*: About 20 papers and many review articles; *Honours*: Recipient of Imperial Chemical Industries Fellowship at

Manchester Univ.; Wild Prize in 1955; *Exp*: BHU 1947-57; *Mem*: Indian Pharmaceutical Association, Association of Principals of Technical Institutions, Indian Hospital Pharmacists Association; *Knows*: English, German & Hindi; *Visited*: UK 1952-55 and Europe; *Hobb*: Table tennis and photography; *Add*: Dept. of Pharmacy, Univ. of Saugar, Sagar, M.P.

SHARMA, (Dr) Shyam Lal—Dept. of Sociology, R.S. Univ. since November 1965; *b* 31 July 1936 at Fatehpur Sikri in Dist. Agra; *Edn*: M.A. (Socio) in 1960 with first class first & Ph.D. (Marriage & Family in Meo community) in 1966 from Agra Univ.; *Resch Exp*: For past nearly 10 years; guiding P.G. research work; *Pub*: On Crime and Punishment, Conversion, Induced Islamization, Badalti Samaj Vyavstha, Asangat Shiksha, Student dissaffection; *Exp*: Raj Rishi College, Alwar for one year; Meerut College, Meerut for 5 years; *Mem*: Indian Sociological Society; *Knows*: Hindi & English; *Add*: Bharti Gali, Fatehpur, Sikri, Agra.

SHARMA, Thakur Das—Principal, N.E.S. Jashpur Degree College, Jashpur since 1963; *b* 1 April 1937 at Etah in U.P.; *Edn*: M.Sc. (Maths) in 1955 from Agra College, Agra; LL.B. in 1961 from Barahseni College, Aligarh; B.Ed. in 1962 from Prantiya Shikshan Mahavidyalaya; *Exp*: Started with N.E.S. College, Jashpur; *Mem*: Secy. of M.P. Federation of Educational Associations; Council of All India Federation of Educational Associations; *Knows*: Hindi, English, Sanskrit & Urdu; *Visited*: Ceylon; *Hobb*: Painting and gardening; *Add*: N.E.S. Jashpur Degree College, Jashpurnagar, Dist. Raigarh.

SHARMA, (Dr) Venkat—Dept. of Hindi, Jodhpur Univ. since July 1962; *b* 7 December 1924 at Gangani in Dist. Jodhpur; *Edn*: M.A. (Hindi) in 1949 from Agra Univ. & M.A. (Sanskrit) in 1951 & Ph.D. in 1960 from Rajasthan Univ.; *Resch Exp*: For nearly 10 years; guide for numerous research scholars; *Pub*: Books - Adhunik Hindi Sahitya men Smalochana ka Vikas, Samanya Vyakaran aur Rachna, Amar Jeewan, Nibandh Shiksha, Kranti ke Agradoot; several articles and research papers; *Honours*: Rajasthan Sahitya Akademi Award in 1962; *Exp*: Govt. Colleges in Rajasthan 1952-62; *Mem*: Bhartiya Hindi Parishad; *Knows*: Hindi, English & Sanskrit; *Add*: c/o The Student Book Co., Jaipur.

SHARMA, Vijaya Prakash—Principal, Sri Sangved Mahavidyalaya, Narwar-Narora since 1930; *b* 17 March 1906 at Vill. Parwana in Dist. Bulandshahr, U.P.; *Edn*: Shastri in 1926 from Marwari Sanskrit College, Varanasi; Acharya (Vyakarna) in 1929 from Goenka Sanskrit Mahavidyalaya, Lalita-Ghat, Varanasi; Shastri in 1939 & Acharya in 1943 in Nava Nyaya; *Resch Exp*: For nearly 20 years in Vedanta Darshan, Sankhya; *Pub*: Vyakarna & Vedanta; several papers; *Honours*: Award from Govt. of India in 1966; *Exp*: Started with Sri Sangved Mahavidyalaya; *Mem*: President, All India Gaud Mahasabha (Delhi 1950); Varanaseya Sanskrit Vishwavidyalya Academic Council; *Genl*: Recognised authority on scriptures; *Knows*: Hindi & Sanskrit; *Hobb*: Divine worship, orations and social welfare; *Add*: Sri Sangved Mahavidyalaya, Narwar-Narora, Dist. Bulandshahr.

SHARMA, (Dr) Vinay Mohan—Dean, Faculty of Languages, Kurukshetra Univ. since 1965; *b* 16 October 1905 at Karak-Bel in M.P.; *Edn*: M.A. (Hindi) in 1938 & Ph.D. in 1957 from Nagpur Univ.; *Resch Exp*: For over 30 years; *Pub*: Books—Sahitya Kala, Drishtikun, Sahityawlo kan, Sahitya, Shodh, Samiksha, Bhule Geet, Hindi ko Marathi Santon ki Den, Geet Govind, Ankhonse Ojhal, Hindi Sahitya ka Brihat Itihas (edited), Hindi ke Vyawharik Roop etc.; over 50 papers in popular journals; *Honours*: Awarded prizes for his books from Central, State Govts. and many literary bodies; *Exp*: Nagpur Mahavidyalaya; Nagpur Univ.; Mahakoshal Mahavidyalaya, Jabalpur; Prof. & Head of Hindi Dept. in Kurukshetra Univ. since 1963; *Mem*: M.P. Govt. Literary Academy, Asiatic Society, Cttee of the Ministry of Education of Govt. of India; Academic Council, Board of Studies, Faculty of the Univ.; *Knows*: Engl sh, Hindi, Sanskrit, Marathi & Gujarati; *Add*: Dept. of Hindi, Kurukshetra Univ., Kurukshetra, Haryana.

SHARMA, (Dr) Vishnu Prasad—Dept. of Psychology, R.S. Univ. since November 1968; *b* 28 December 1928 at Raipur; *Edn*: M.A. (Hindi) in 1955 from Nagpur Univ.; M Ed. in 1959, M.A. (Psy) in 1967, Ph.D. (Psy) in 1967 & M.A. (Sociology) in 1968 from Poona Univ.; *Resch Exp*: In attainment in Federal Hindi at Sec. School Level in W. Maharashtra; Test, Measurement & Evaluation Techniques in Psychology & Education; *Pub*: Standardized an achievement Test in Hindi as a Second Language besides numerous papers; *Exp*: Poona Univ. 1967-68; *Mem*: Indian Science Congress; *Knows*: English, Hindi & Marathi; *Hobb*: Study of languages; *Add*: Dept. of Psychology, R.S. Univ., Raipur.

SHASTRAKAR, (Dr) (Mrs) V. D.—Head, Dept. of Gynae. & Obst., Medical College, Nagpur since May 1966; *b* 6 December 1925 at Chandrapur; *Edn*: MBBS in 1951 with first class first winning Dr. K.P. Sengupta Gold Medal & M.D. from Medical College, Nagpur; *Resch Exp*: In anaemics of pregnancy, ruptured uterus, maternal mortality etc.; *Pub*: Numerous case reports etc.; *Exp*: Started at Medical College, Nagpur in 1953; *Mem*: Some Univ. bodies; *Knows*: English, Marathi & Hindi; *Hobb*: Embroidery; *Add*: Prof. Bungalow No. 9, Medical College Campus, Nagpur-3.

SHASTREE, Keshavram Kashiram—B. J. Institute of Learning & Research, Ahmedabad since 1939; *b* 28 July 1905 at Mangrol in Saurashtra; *Resch Exp*: For past over 45 years; *Pub*: Some 100 works published; over 300 articles; some books—Evolution of Gujarati, Origin of Sanskrit Language, Dramas of Kalidas, Basa's 8 Dramas, Vedanta-Chintamani, Gujarati Vag Vikasa, Akshara & Shavda, Apana Kavio, Kari-Charita, Vasanta Villasa, Gujarati Vyakarana, Gara Phaguo etc.; *Honours*: Vidya-vacaspati awarded by All India Sanskrit Sammelan in 1966; *Exp*: Coronation High School, Mangrol for 11 years; B.D. College, Ahmedabad for 7 years; for past nearly 30 years at B. J. Institute; *Mem*: Gujarat Vidyasabha, Gujarat Sahitya Sabha, Gujarat Sahitya Parishad, Ahmedabad Education Society; *Knows*: Sanskrit, Prakrit, Apabhramsa, Gujarati, Hindi & English; *Add*: Madhuvan, Ellis Bridge, Ahmedabad-6.

SHASTREE, (Mrs) Tara Sadanand—Dy. Director, Karve Institute of Social Service, Poona since 1964; *b* 5 October 1922 at Bombay; *Edn*: M.A. (English) in 1947 from Ramnarain Ruia College, Bombay; B.T. in 1948 from Tilak College of Education, Poona; M.S.W. in 1956 from Ohio State Univ., USA; *Resch Exp*: A survey of probation facilities for juvenile and adult offenders in India; *Pub*: A few articles on subjects like juvenile delinquincy, family counselling, prostitution, student problem and growing girls etc.; *Honours*: Recipient of Fulbright Travel Grant 1954-56; *Exp*: Boy's Industrial Home & Remand Home, Bombay 1950-54; Probation Officer, Juvenile Court, Bombay 1956; Inspecting Officer, Central Social Welfare Board 1956-58; Tata Institute of Social Sciences, Bombay 1958; Field Work Director, Institute of Social Service, Bombay 1958-64; *Mem*: Several social, educational and cultural organisations; *Knows*: Marathi, Hindi, English & Gujarati; *Visited*: USA & UK; *Hobb*: Needle work, dramatics etc.; *Add*: Karve Institute of Social Service, Karve Nagar, Poona-4.

SHASTRI, (Dr) Hari Datta—Principal, Gurukul Mahavidyalaya, Jwalapur (Hardwar) since 1965; *b* 15 August 1905 at Vill. Rini in Dist. Jaipur; *Edn*: M.A. (Hindi) in 1945, M.A. (Sanskrit) in 1947, Ph.D. in 1956 from Agra Univ.; Acharya in Vedant in 1939 from Sanskrit Univ., Varanasi; *Pub*: Commentary on Kavya Prakash, Sadukti Karvamritam, Sukta Sangraham, Sanskrit ke Sahityakar; *Exp*: B.R. College, Agra; D.A.V. College, Kanpur; *Knows*: English, Gujarati & Urdu; *Add*: Gurukul Mahavidyalaya, Jwalapur, Hardwar.

SHASTRI, (Dr) Hariprasad Gangashankar—Asstt. Director, B. J. Institute, Ahmedabad since January 1962; *b* 17 October 1919 at Malataj in Dist. Kaira; *Edn*: M.A. (Sanskrit) in 1942 & Ph.D. in 1947 from B.J. Institute; *Resch Exp*: For past over 25 years; guiding Ph.D. students in Indian culture and Sanskrit; *Pub*: Harappa & Mohenjo-Daro, Maitraka-Kalin, In Indonesia, Gujarato-no Prachin Itihas, Prachin Bharat, Chronology of Gujarat; edited a few books; besides large number of papers on Indian epigraphy, history, culture, literature, chronology, archaeology etc.; *Honours*: Narmad Gold Medal 1958, Ranjitram Gold Medal 1962; *Exp*: Joined B.J. Institute in 1945 and held different positions; *Mem*: Sectional President of Gujarati Sahitya Parishad 1963; President, Gujarat Itihas Parishad 1960-62; member of many Univ. bodies; *Knows*: Gujarati, English, Sanskrit & Hindi; *Hobb*: Visiting historical sites and photography; *Add*: B.J. Institute of Learning & Research, Ahmedabad-9.

SHASTRI, (Dr) Krishna Ganesh-Principal & Head of Kannada, R.T.E.S. Arts & Science College, Ranebennur since June 1967 ; *b* 17 October 1923 at Gokarn in Dist. N. Kanara ; *Edn* : M.A. (Kannada) in 1948 from Bombay Univ. & Ph.D. in 1966 from Karnatak Univ. ; *Resch Exp* : In linguistic survey of the Havyaka dialect of N.K. Dist. ; *Pub* : Thesis under publication ; besides a few papers in eminent journals ; *Exp* : Kanara College, Kumta for 18 years ; *Mem* : Linguistic Society of India, Kannada Sahitya Parishat, State Sangeet Natak Academy ; *Knows* : English, Sanskrit, Kannada, Hindi & Marathi ; *Hobb* : Arts, language, literature, culture, drama, music, poetry recitation etc. ; *Add* : R.T.E.S. Arts & Science College, Ranebennur.

SHASTRI, Pandit Puran Chand Jyotishacharya—Principal, Shri Raghunath Sanskrit Mahavidyalaya, Jammu since September 1964 ; *b* 18 October 1913 at Katrah in Dist. Reasi ; *Edn* : Shastri (Astronomy & Astrology) in 1938 from Govt. Queens College, Banaras ; *Mem* : Brahman Sabha (Jammu), Sanatan Dharam Sabha, Sanatan Dharam Kanya Vidyalaya and other Univ. bodies ; *Genl* : Karam Kand in Dharam Shastra ; *Knows* : Hindi, Sanskrit & Dogri ; *Hobb* : Study of jyotish and dharam shastras ; *Add* : Shri Raghunath Sanskrit College, Jammu, J&K.

SHAYAM NARAYAN, (Dr)—Principal, Govt. College, Sirohi since July 1966 ; *b* 1 February 1919 at Ajmer ; *Edn* : M.Sc. (Chem) in 1943 from St. John's College, Agra & Ph.D. in 1961 from Govt. College, Ajmer ; *Resch Exp* : For ten years in Kinetics ; *Pub* : Papers on oxdiation of Tartaric acid by chromic acid, acid dichromate oxidation of some acids ; *Exp* : Govt. College, Ajmer ; *Mem* : Indian Chemical Society ; *Knows* : English & Hindi ; *Add* : Govt. College, Sirohi, Rajasthan.

SHEJWALKAR, (Dr) Prabhakar Chintaman—Vice-Principal, B.M. College of Commerce, Poona & former Dean, Faculty of Commerce ; *b* 15 January 1929 at Sonegaon in Dist. Wardha ; *Edn* : M.Com. (Transport) in 1953 from Bombay Univ. & Ph.D. (Com & Econ) in 1959 from Poona Univ. ; *Resch Exp* : In commerce, economics and transport ; *Pub* : Nine text books and over 200 articles on general topics ; *Exp* : H L. College of Commerce, Ahmedabad for 1 year ; joined B. M. College of Commerce, Poona over 15 years back ; *Mem* : Deccan Education Society ; member of many Univ. bodies in Poona and Nagpur Univ., Govt. and Semi-Govt., social and educational bodies ; *Knows* : Marathi, Hindi & English ; *Hobb* : Public speaking and conducting of Seminars ; *Add* : Vice-Principal's Bungalow, B.M. College of Commerce, Poona-4.

SHENOI, Balkunje Anantha—Scientist E, C.E.C.R.I., Karaikudi since March 1966 ; *b* 25 April 1926 at Mangalore ; *Edn* : M.Sc. (Tech) (Industrial Chemistry) in 1950 from BHU ; *Resch Exp* : For over 15 years ; *Pub* : Nearly 60 papers and 25 patents ; *Honours* : Award from Invention Promotion Board for Aluminium Lithoplates' ; Gold Medal at All India Exhibition ; Silver Medal for 'Solder & Flux for Jointing Aluminium' ; *Exp* : Central Polytechnic, Madras, 1947-48 ; for past more than 15 years at CECRI ; *Mem* : Electrochemical Society (Japan) ; *Knows* : Konkani, Kannada, Hindi, English & Tamil ; *Visited* : UK for further training in anodising of Aluminium ; *Add* : 34-D, Third Street, Subramaniapuram, Karaikudi-2.

SHENOY, Bellikoth Raghunath—Director & Prof. of Economics, Univ. School of Social Sciences, Gujarat Univ. since 1954 ; *b* 3 June 1905 ; *Edn* : M.A. from BHU & M.Sc. (Econ) from London School of Economics ; *Pub* : Ceylon Currency & Banking, Sterling Assets of the Reserve Bank of India, The Bombay Plan, Post-war Depression, Problems of Indian Economic Development, Stability of the Indian Economic Policy besides numerous articles ; *Exp* : Univ. of Ceylon 1936-42 ; Member, Board of Commissioner of Currency, Ceylon

1940-42; Principal, L.D. Arts College, Ahmedabad 1942-45; Reserve Bank of India 1945-48; Representative in Far East of International Monetary Fund 1949-51; Ex. Director & Indian Representative on International Monetary Fund & I.B.R.D. 1951-53; Visiting Prof. to London, USA, Ceylon etc.; *Mem*: President, Indian Economic Association 1957; Panel of Economists, Planning Commission; Board of Directors, Bullion Exchange, Bombay; *Add*: Univ. School of Social Sciences, Gujarat Vidyapeeth, Ahmedabad-9.

SHENOY, K. Ganesh—Principal, Vijaya College, Mulki since June 1965; *b* 19 March 1927 at Kanhangad in Dist. Cannanore; *Edn*: M.Sc. (Tech) (Indl Chem) in 1949 from BHU; *Resch Exp*: During 1949-52 at Indian Institute of Science, Bangalore; *Pub*: A text book of 'Pre-University Chemistry' for Madras, Mysore & Bangalore Univ.; *Exp*: Mahatma Gandhi Memorial College, Udipi 1952-63; Bhandarkars' College, Coondapur 1963-65; *Mem*: Chairman, Rashtrkavi Manjeshwar Govind Pai Commemoration Publications; Member, Academic Council of Mysore Univ.; *Knows*: English, Kannada, Hindi & Konkani; *Add*: c/o Shri K.A.N. Shenoy, Kotacherry, P.O. Kanhangad, Kerala State.

SHER, Sher Singh—Principal, Shaheed Sikh Missionary College, Amritsar; *b* 11 September 1926 at Chanianwali in Dist. Sheikhupura; *Edn*: M.Sc. Agri. in 1950 from Govt. Agrl. College, Ludhiana & M.A. (Lit) in 1951 from Govt. College, Ludhiana; *Pub*: Books - The Sahsis of Punjab, Siligars of Punjab, Light for Students, Hue & Cry, Suchay Moti, Soch Udariyan, Peedan Piyar Diyan, Punjab de Wasi, Hanjhu Dulh Paye, Bar de Dholay; a large number of papers on anthropological, sociological and historical aspects of Punjab; *Honours*: Medal at Nankana Sahib Poetical Symposium in 1944; besides many prizes; *Exp*: Govt. Agrl. College, Ludhiana; Govt. Brijindra College, Faridkot; worked at AIR, Bombay, Delhi & Jaipur; Head, Section of Rural Broadcasts, AIR, Jullundur; *Mem*: Indian Sociological Society; *Genl*: One of the finest speakers on Sikh religion and history; *Knows*: English, Panjabi, Hindi, Urdu, Persian & Arabic; *Add*: Shaheed Sikh Missionary College, Ranjit Pura, Amritsar.

SHER SINGH—Principal, Malwa Central College of Education, Ludhiana since February 1958; *b* 1 February 1903 at Bilaspur in Dist. Moga; *Edn*: M.A. (Persian) in 1928 from Govt. College, Lahore; M.A. (Philosophy) in 1930 from Univ. College, London; Ph.D. in 1938 from School of Oriental Studies, London; *Pub*: Philosophy of Sikhism, Social & Political Philosophy of Guru Gobind Singh, Sahitya Samalochna, Gurmati Darshan, Vichar Dhara, Vichar Mala, Amrit Jiwan etc.; *Exp*: Govt. Colleges at Pasrur, Shahpur, Ludhiana, Muktsar; *Mem*: Founder Genl. Secy. of Panjabi Sahitya Akademi, member of Panjab Govt. Advisory Board for Literary Awards, Dean of Arts Faculty; *Genl*: Founder of two High Schools and two Colleges; *Knows* Panjabi, Urdu, Hindi, Persian & English; *Visited*: UK, France, Germany & Switzerland; *Hobb*: Agriculture, research and writing; *Add*: 520-L, Model Town, Ludhiana.

SHERPA, Nawang Gombu—Dy. Director of Field Training at Himalayan Mountaineering Institute since 1954; *b* 1 May 1932 at Solo Khumbu in Nepal; *Edn*: Practical training in climbing various mountains; Trained in Swiss Mountaineering School in 1954; climbed Nanda Devi in 1964, the highest in India & Mt. Everest in 1963 and 1965; *Pub*: A number of articles in Statesman and other magazines; *Honours*: Recipient of Tiger Badge, Queen Coronation Medal (1953), Hubbard Medal (1963), Padma Shri (1964), Padma Bhusan (1965), Arjuna Award (1966), Olympic Gold Medal (1967) & Gold Medal from Indian Mountaineering Foundation in 1968; *Exp*: Since 1954 at Himalayan Mountaineering Institute; *Mem*: Member of various mountaineering clubs of Europe, America and India; *Visited*: Switzerland 1954, America 1963 & France 1967; *Hobb*: Trekking; *Add*: The Himalayan Mountaineering Institute, Jawahar Parbat, Darjeeling.

SHETH, (Dr) Anil R.—Research Officer, I.C.M.R.; *b* 5 August 1933 at Ahmedabad; *Edn*: M.Sc. (Bio-chem) in 1957 from Wilson College, Bombay & Ph.D. in 1963 from Indian Cancer Research Centre, Bombay; *Resch Exp*: For 10 years in physiology of reproduction; *Pub*: Nearly 30 research papers in various journals; *Exp*: P.G. teaching in Biochemistry at

Bombay Univ.; *Mem* : Indian Society for the Study of Reproduction & Endocrinology; Society of Biological Chemists; *Knows* : English, Gujarati, Hindi & German; *Visited* : USA 1963-65; *Add* : Central Clinical Lab., Seth G. S. Medical College, Parel, Bombay.

SHEWALKAR, Ram Balkrishna—Principal, Lokmanya Tilak Mahavidyalaya, Wani since 1965; *b* 2 March 1931 at Achalpur in Dist. Amravati; *Edn* : M.A. (Sanskrit) in 1954 from Nagpur Mahavidyalaya & M.A. (Marathi) in 1956 from Nagpur Univ. & winning N.K. Behere Gold Medal; *Pub* : Collections of poems 'Ashoshi' & 'Regha'; *Exp* : Govt. High School, Washim 1951-55; Yeotmal Mahavidayalya, Yeotmal 1955-57; People's College, Nanded 1957-65; *Mem* : Academic Council, Board of Studies in Univ. of Nagpur; member of several social bodies; *Knows* : Sanskrit, English, Hindi & Marathi; *Add* : Gopikadham, Achalpur City, Dist. Amravati.

SHINDE, (Dr) Govind Bhaorao—Principal, Arts, Science & Com. College, Vaijapur since 1968; *b* 16 November 1938 at Hoal in Dist. Bhir (M.S.); *Edn* : M.Sc. (Fishery) in 1962 with first class first & Ph.D. (Helminthology-Tapeworms of Vertebrates in the Marathwada) in 1967 from Marathwada Univ.; *Pub* : About 15 papers; *Exp* : Govt. College of Arts & Science, Aurangabad 1960-62 and 1962-65; Marathwada Univ. 1965-68; *Mem* : Nature Club; *Knows* : English, Marathi, Hindi, Sanskrit & German; *Add* : Arts, Science & Com. College, Vaijpur, Dist. Aurangabad.

SHINDE, Ramchandra Ganapatrao - Principal, Arts & Commerce College, Nandurbar since 1964; *b* 1 July 1929 at Burhanpur in Dist. Nimar, M.P.; *Edn* : M.A. (Marathi) in 1952 with first class first from Hislop College, Nagpur & LL.B. in 1953 from Univ. Law College, Nagpur; *Pub* : Grammer & Essay Writing for High School classes & for Primary Teacher's Training Colleges; articles in various magazines; *Exp* : Shivaji College, Satara 1954-59; M.S.G. College, Malegaon 1959-61; Shri Shivaji College, Barshi 1961-64; *Mem* : Rashtrabhasha Prachar Samiti, Maharashtra Sahitya Parishad, Rotary Club (Vice-President) and member of many Univ. bodies; *Knows* : Marathi, Hindi, Gujarati & English; *Hobb* : writing and gardening; *Add* : Arts & Commerce College, Nandurbar, Dist. Dhulia.

SHINGTE, (Dr) Rajaram Dhondiba—Head, Dept. of Chemistry, Shivaji Univ. since July 1965; *b* 20 February 1924 at Urun-Islampur in Dist. Sangli; *Edn* : M.Sc. (Org Chem) in 1948 & Ph.D. in 1955 from Shivaji Univ. & Ph. D. (Berlin) in 1960; *Resch Exp* : For over 15 years; *Pub* : Books - Elements of Chemistry for Pre-Degree, Practical Chemistry for Pre-Degree, Introduction to Organic Chemistry for Pre-Professional, Introduction to College Chemistry for Pre-Professional, Practical Chemistry, Engineering Chemistry for Polytechnical Students and many other books and papers; *Visited* : W. Germany; *Knows* : Marathi, Hindi, English & German; *Add* : Dept. of Chemistry, Shivaji Univ., Kolhapur.

SHIROLKAR, Narayan Dattatraya—Founder Principal, Nutan Vidya Prasarak Mandal's Arts & Commerce College, Lasalgaon since May 1967; *b* 6 January 1926 at Gulbarga; *Edn:* M. A. (Econ) in 1952, M. A. (History) in 1955 & M. A. (Pol) in 1959 from Poona Univ.; *Resch Exp*: In Century of Administration of Dhulia Municipality; *Pub*: A few articles on different aspects of modern education; *Exp*: S. S V. P. College, Dhulia 1957-66; V. W. Sabha's College, Dhulia 1966-67; *Mem*: Board of Studies, Faculty, Academic Council, Court of Poona Univ.; Jt. Secy. of College Teachers Association, Dhulia at some times; *Knows:* Marathi, Hindi & English; *Hobb:* Dramatics; *Add*: N. V. P. M. Arts & Commerce College, Lasalgaon, Dist. Nasik.

SHIVARUDRAPPA, G.—Reader in Education, Karnatak Univ. since June 1962; *b* 8 December 1926 at Mysore; *Edn*: M. Ed. in 1958 from Teachers' College, Mysore; *Pub*: Books—Immortal Lives, Social Studies; papers on Dynamics of Learning Social Studies etc.; *Exp*: Dist. Board High School at Basavapatna, Rayarakopal & Periyapatna 1951-58; Teachers' College, Mysore 1958-60; Dept. of Education, Mysore Univ. 1960-62; *Mem:* National Association of Teacher Educators in India; *Knows*: Kannada & English; *Hobb*: Dramatics; *Add*: Univ. College of Education, Karnatak Univ., Dharwar.

SHIVIAH, (Dr)—Dept. of Pol. Sc., Karnatak Univ., Dharwar since 1964; *b* 12 February 1933 at Yadagiri in Dist. Gulbarga; *Edn*: M. A. (Pol Sc) in 1956 from Nizam College, Hyderabad & Ph. D. in 1966 from Karnatak Univ.; *Resch Exp*: In Harold Laski—A study of his Political Ideas, New Humanism: A study of M. N. Roy's theory of the State; *Pub*: Civil Servants in Mysore: Their Rights & Obligations, Unity in Diversity, Grass Roots of Democracy in India, India's Emerging Federal Pattern and the Planning Commission; numerous articles and papers in eminent journals; *Exp:* S. B. College, Gulbarga 1956-60; Asstt. Registrar, Karnatak Univ. 1960-64; *Mem*: Indian Political Science Association; *Knows*: Urdu, Hindi, Kannada, Telugu & French; *Hobb:* Reading, gardening; *Add*: Dept. of Pol. Sc., Karnatak Univ., Dharwar-3.

SHIVPURI, (Dr) Dwarka Nath—Asstt. Director & Head, Dept. of Respiratory Allergy & App. Immunology, V. P. Chest Institute, Delhi Univ. since 1963; *b* 10 August 1914 at Rajouri, J & K State; *Edn*: MBBS in 1949 from Agra Medical College; D. T. D. in 1950 from Delhi Univ.; M. D. (Tuber. & Chest Dis.) in 1955 from Lucknow Univ.; F. A. C. P. in 1958 from American College of Chest Physicians; FAAA in 1962 from American Academy of Allergy; *Resch Exp*: For 20 years in tuberculosis, chest diseases and allergy; *Pub*: Over 50 papers; *Exp:* Teaching for past nearly 30 years; *Mem:* American College of Chest Physicians, American Academy of Allergy, Indian College of Allergy & Applied Immunology, Association of Physicians of India, Indian Association for Chest Diseases, Tuberculosis Association of India, Indian Medical Association; *Knows:* Hindi, Urdu, English & French; *Visited:* USA, UK & France or research and training; *Add* : 3, P. C. I. Appartments, Maurice Nagar, Delhi-7

SHRIKHANDE, (Dr) Krishnakant Yadneshwar—Chief Information Officer, C. F. R. I., Dhanbad since November 1965; *b* 15 August 1928 at Sagar; *Edn*: M. Sc. (Tech) (Industrial Chemistry) in 1948 & Ph. D. (Fuel Techy) in 1960 from BHU; *Resch Exp:* In fluidisation, gasification, carbonisation and briquetting etc.; *Pub*: Over 50 papers, articles, investigation reports etc.; Chief Editor of the CFRI newsletter and bulletin; *Honours*: CSIR Research Scholarship 1948-49; FSSP Fellowship 1952 (USA), TCM Fellowship in UK 1957-58; *Exp*: P. G. Training in Swastik Oil Mills Co. Ltd., Bombay; Pearl Products Co. Ltd., Kanpur 1945; joined C. F. R. I. in 1949 and held different positions; *Mem*: Institution of Chemists, The Institute of Fuels (UK), The Coke Oven Managers Association (UK), The American Chemical Society; *Knows*: English, Marathi, Hindi & Bengali; *Visited:* USA & UK; *Hobb*: Sightseeing; *Add*: c/o Shri G. V. Puranik, Dhootpapeshwar Prasad, Mangalwadi, Girgaum, Bombay-4

SHRIVASTAVA, (Dr) Raghunandan Kumar—Dept. of Zoology, Saugar Univ. since 1949; *b* 2 June 1928 at Bhangarh in Dist. Saugar; *Edn*: M.Sc. in 1949 with Gold Medal & Ph.D. in 1965 from Saugar Univ.; Dr. de Univ. de Paris in 1958 from Paris Univ.; *Resch Exp*: For over 10 years; *Pub*: Nearly 20 research papers in Indian and foreign journals; *Honours*: Scholarship in High School & Inter; Gold Medal in High School & M. Sc. exams.; recipient of French Govt. Scholarship for further study; *Exp*: Started with Saugar Univ. and during 1963-64 on leave as Head of Zoology Dept. of Nagpur Univ.; *Genl:* Deeply interested in Indian astrology; *Knows*: French, English, Hindi & Urdu; *Visited*: Egypt, Aden, Zanzibar, S. Africa, W. Germany & France 1956-58; *Add*: Dept. of Zoology, Saugar Univ., Raipur, M. P.

SHROFF, (Dr) Rameshchandra Gordhandas—Head, Dept. of Social Anthropology, Gujarat Vidyapith since July 1965; *b* 14 November 1933 at Bombay; *Edn*: M. A. (Socio) in 1958 from M. S. Univ. of Baroda & Ph. D. work under Chicago Univ.; *Resch Exp*: For 5 years; *Pub*: Books—Digest in Gujarati of Elwin Cttee Report & Dhebar Commission Report, 'India's Villages', Community Ancestor Worship; besides several papers; *Exp*: M. S. Univ. of Baroda for 3 years; Tribal Research & Training Centre, Ahmedabad for 1 year; M. D. College of Social Service, Ahmedabad; School of Architecture, Ahmedabad; *Mem*: Indian Sociological Society, National Geographic Society (USA); *Genl*: Specialisation in anthropology, rural sociology aud social history; *Knows*: Gujarati, Hindustani, Marathi, Bengali, German & English; *Hobb*: Painting, classical music; *Add*: Dept. of Social Anth., Gujarat Vidyapith, Ahmedabad.

SHROTRI, (Dr) Shridhar Bhalchandra—Dept. of Languages, Karnatak Univ. since 1962; *b* 18 August 1934 at Banora in Maharashtra; *Edn:* M.A. (German) in 1959 & Ph.D. in 1965 from Poona Univ.; *Resch Exp:* Thesis on German poet Max Dauthendey; *Pub:* Translated into Marathi a few German stories; a few articles; *Honours:* Awarded Max Dauthendey; Silver Medal for thesis in 1964; *Exp*: Rajaram College, Kolhapur 1955-56; M.E.S. College, Poona 1958 - 60; S.P. College, Poona 1960 - 61; Fergusson College, Poona 1961 - 62; *Mem*: Poona Univ. German Association, Unesco Club; *Knows*: Marathi, English, German, Hindi & Kannada; *Visited*: Germany 1956 - 57, 1966; *Hobb*: Cricket, hockey and dramatics; *Add*: c/o. Renuka Prasad, Near Belgaum Naka, Dharwar-1.

SHUKLA, (Dr) Har Nath—Principal, Arts & Commerce College, Baloda Bazar since July 1965; *b* 19 August 1927 at Farrukhabad in U.P.; *Edn*: M.A. (Pol Sc) in 1952; M.A. (Econ) in 1955 from Agra Univ.; Ph.D. in 1960 & LL. B. in 1953 from V. S. S. D. College, Kanpur; *Resch Exp*: Guiding many research scholars; directing research projects; *Pub*: A book on Shram Sambandh; papers on subjects like Family Planning, Devaluation, Trade Unionism, Industrial Disputes etc.; *Exp*: V.S.S.D. College, Kanpur for 1 year; Director, Institute of Labour Research, Kanpur 1961 - 65; *Mem*: Academic Council, Board of Studies, Faculty of R. S. Univ.; Indian Society of Labour Economics; *Knows*: Hindi, English & Urdu; *Add*: 108/117, Gandhi Nagar, Kanpur.

SHUKLA, Harihar Mohanlal—Principal, Mpl. Arts & Commerce College, Mehsana since June 1964; *b* 20 October 1924 at Mudeti in Dist. Sabarkantha; *Edn*: M. A. (Hindi) in 1954 with first class first from Bombay Univ.; *Pub*: Gadya Suman, Bharat ki Bhasha (in 3 Parts); *Exp*: H. L. College of Commerce, Ahmedabad 1955-56; St. Xavier's College, Ahmedabad 1956-60; S. V Arts College, Ahmedabad 1960-64; *Mem*: Chairman, Board of Studies in Hindi, Gujarat Univ.; member of Academic Council & Senate of G. Univ.; *Knows*: Gujrati, Hindi, English & Sanskrit; *Add*: Mpl. Art & Commerce College, Mehsana, Gujarat.

SHUKLA, (Dr) Ishwari Charan—Head, Dept. of E. N. T., Medical College, Jabalpur since 1966; *b* 20 November 1919 at Raipur; *Edn*: DLO in 1954 from Medical College, Madras & M. S. in 1959 from Medical College, Lucknow; *Resch Exp*: For over 10 years; *Exp*: Medical College, Nagpur 1951-58; Lecturer 1958-61, Asstt Prof. 1961-66 & Prof. since 1966 at Medical College, Jabalpur; *Mem*: Indian Medical Association and other bodies of the Univ.; *Knows*: Hindi & English; *Visited*: UK for education and training; *Hobb*: School and College sport meets; *Add*: Dept. of E. N. T., Medical College, Jabalpur.

SHUKLA, Kantibhai Kalidas—Head, Dept. of Student Teaching & Teaching of Mother Tongue, A. G. Teachers College, Ahmedabad-9 since 1961; *b* 22 July 1922 at Dakor in Dist. Kaira; *Edn*: M. Ed. in 1958 from A. G. Teachers Training College, Ahmedabad; *Pub*: A few articles on subjects like ability groupings for class-room instructions, careers information etc.; *Exp*: Started with A. G. Teachers College in 1961; *Mem*: Gujarat Sahitya Parishad, Gujarat State Vocational Guidance Association, Indian Association of Teacher Educators etc.; *Knows*: Gujrati, Hindi, English & Sanskrit; *Hobb*: Indoor games and sightseeing; *Add*: A. G. Teachers College, Ahmedabad.

SHUKLA, Maganlal Mohanlal—Principal, M. M. Science College, Morvi since April 1966; *b* 29 May 1918 at Umreth in Dist. Kaira; *Edn*: M. Sc. (Bot) in 1941 from BHU; *Resch Exp*: In water relations of plants in plant physiology, autecology and synecology of plants, fork formation in anatomy of plants; *Pub*: Text Books on Botany in Gujarati & Hindi; Text Books on General Science in Gujarati for different standards; *Exp*: Vithalbhai Patel Arts & Science College, Anand 1947-63; Rajaram P. T. Patel Science College, Anand 1963-66; *Mem:* Senate, Faculty & Board of Studies of Saurashtra Univ.; Faculty & Board of Studies in S. P. Univ.; *Genl*: Worked as Cotton Officer in the former Baroda State for 5 years; *Knows*: Gujarati, Hindi, English, French & German; *Visited*: UK for higher education; *Hobb*: Writing scientific literature; *Add*: M. M. Science College, Morvi, Gujarat.

SHUKLA, (Dr) Nandlal Nirbhaishankar—Principal, Sadhana School of Educational Research & Training, Bombay since June 1962; *b* 10 June 1911 at Kutch (Bhuj) in Gujarat; *Edn*: M. Ed. in 1948 from S. T. College, Bombay & Ph. D. (Psychometrics) in 1957 from Indian Institute of Education, Bombay; *Resch Exp*: In standardization of a battery of tests for physical abilities of Gujarati boys; A Survey of School-children in Bombay, Case Studies in Industries etc.; *Pub:* Books—Teaching of Mathematics, School Text Books, Ankaganit Parichaya (in 4 Parts), Saral Beej Ganit (Part 1 to 4), Saral Ankaganit, Ankaganit Pravesh etc.; *Exp*: Bhai Lilavati Alies Kabubai Hindu High School, Bombay 1937-39; Smt. Gokalibhai P. P. High School, Bombay 1939-43; Babu Pannalal P. Jain High School, Bombay 1943-50; M.S. Univ. of Baroda 1950-57; Psychological Research Institute, Khar, Bombay 1957-62; *Mem*: Secy. of Bombay Psychology Association, Hony. Genl. Secy. of Sadhana Education Society; member of Senate, Academic Council, Board of Studies in the Univ. of Bombay and some bodies of S. P. Univ. & S. Gujarat Univ.; *Knows:* English, Gujarati, Marathi & Hindi; *Add:* A 35/36, Pannalal Terrace, Grant Road, Bombay-7.

SHUKLA, (Dr) Ram Lakhan—Dept. of Hindi, Govt. College, Daman since June 1968; *b* 5 May 1932 at Vill. Baragaon in Dist. Varanasi; *Edn*: M. A. (Hindi) in 1958 from BHU & Ph. D. in 1966 from S. P. Univ.; *Resch Exp:* Working for D. Litt.; guiding some research projects; *Pub:* Sadharnakaran: ek Shastriya Adhyan, Pranya Path etc.; *Exp*: Gujarat College, Ahmedabad 1958-68; *Knows*: Hindi, Sanskrit, Pali, Apabhransha, Gujarati, English & Urdu; *Hobb*: Reading and writing; *Add*: Vill. Baragaon, Dist. Varanasi.

SHUKLA, Ram Narayan—Principal, Arts & Commerce College, Kharoud since September 1965; *b* 30 May 1928 at Vill. Tulsi in Dist. Bilaspur in M. P.; *Edn:* M. A. (Hindi) in 1957 from Nagpur Univ. & B. T. in 1955 from Saugar Univ.; *Exp*: S. B. R. College, Bilaspur for 8 years; S. N. G. College, Mungeli for 1 year; *Mem*: Bhartiya Hindi Parishad, Academic Council of R. S. Univ., Vice-President of Bharti Shiksha Samiti; Regional Secy. of Secondary School Teachers Association 1955-60; *Genl*: Interested in social welfare and public service; *Knows*: Hindi, English & Chhattisgarhi; *Add*: Arts & Commerce College, Kharoud, M. P.

SHUKLA, (Dr) Shyam Bihari—Reader in Physiology, BHU since May 1967; *b* 5 January 1939; *Edn*: M. D. (Physiology) in 1965 from BHU; *Resch Exp:* In the field of Haemodynamic changes under hypothermia; *Pub*: About 10 papers; *Exp:* Demonstrator 1962-65, Lecturer 1965-67, Reader since 1967 at BHU; *Mem:* Association of Physiologists & Pharmacologists of India, Nutrition Society of India; *Knows:* English & Hindi; *Visited:* UK during 1967 for further studies; *Add*: Dept. of Physiology, College of Medical Sciences, BHU, Varanasi-5.

SHUKLA, (Dr) V. N.—Dean, Faculty of Law, Lucknow Univ. since 1958; *b* In May 1917 at Hardoi in U. P.; *Edn:* LL. M. in 1941 with first position in Lucknow Univ. & Ph. D. (Constl. & Admn. Law) in 1953 from Univ. of London; *Pub:* Constitution of India (4 editions); several articles in reputed journals; *Exp:* For past 25 years teaching at Lucknow Univ.; *Mem*: Indian Law Institute, member of Law Faculties of many Indian universities; *Knows:* Hindi & English; *Visited:* UK 1951-53, USA 1957-58 for further study; *Add:* 31, Badshahbagh, Lucknow.

SIDDALINGAIYA, (Dr) Moognayakankote—Retired Principal, Educationist; *b* 8 May 1895 at Koratagere in Dist. Tumkur; *Edn*: M. A. in 1929, Ph. D. in 1930 & Dip. in Rural Education in 1930; *Resch Exp:* In Philosophy of Education, Educational Psychology, Rural Education, Curriculum Reconstruction, text-book preparation etc.; first Director of Education Research Bureau, Bangalore; *Pub:* Reconstructing Elementary Education in Mysore, School Organisation and Management, Education: What it should Be ? Our Children & Our Education, A Teacher-Parent Look at Modern Education ; several other books and papers; *Exp:* After return from USA in 1930 worked as Principal of Teacher Training Institutions in the State; Principal of three Degree Teachers Colleges in Mysore & Bangalore; Founder Principal of 3 Colleges; *Mem:* Formerly member of State Secondary Education Board, Teacher-Training Board, Senate, Academic Council, Univ. Council of Mysore Univ., Registrar of Karnatak Univ. (1951-52); *Genl:* Since 1930 working for deep and dedicated study of new type curriculum and trying to adapt American approach to education to suit Indian conditions ; *Visited:* USA (1928-30), UK, Denmark; *Add*: c/o S. Gurudutt, 2897, Saraswathipuram, Mysore-5.

SIDDIQI, (Dr) Mohammad Ahmad—Head, Dept. of Persian & Arabic, Allahabad Univ. since 1965; *b* 1 February 1910 at Allahabad; *Edn:* M. A. (Arabic) in 1936 & D. Phil. from Allahabad Univ.; *Pub:* About 10 books and over 50 research papers in Arabic and Urdu; *Honours*: Two Gold Medals while at College, Govt. of U. P. Award on book 'Faiz-i-Mashriq'; *Exp:* For past over 31 years at Allahabad Univ.; *Mem*: Academic Council of Allahabad Univ.; *Knows*: Arabic, Persian, Urdu, English & Hindi; *Visited*: Saudi Arabia; *Hobb*: Study of Arabic and Persian literature, history & Islamic culture; *Add*: Dept. of Arabic & Persian, Allahabad Univ., Allahabad.

SIDDIQI, (Dr) Muhammad Zubayr—Retired; *b* 19 November 1896 at Patna; *Edn*: Sanad A in 1910 from Madrasa Aliya, Rampur State; Maulavi Fazil in 1912 from Oriental College, Lahore; M.A., B.L. in 1921 from Patna Univ. & Ph. D. (Arabic Lit) in 1925 from Cambridge Univ.; *Resch Exp* : Edited- Firdausul - Hikmat, Tarikh-Namai-Harat, Al-Sayrul-Hathith, Studies in Arabic & Persian Medical Literature, Hidith Literature : its History & Special Features; numerous papers on life and characters of Imam Ahmad Ibn Hanbal, Services of Muslims to Sanskrit literature etc.; *Honours* : Certificate of Honour from President of India in 1958; awarded Rs. 1500/- per year for life; *Exp* : Arabic & Oriental Dept. of Lucknow Univ. 1926-29; Sir Asutosh Prof. of Islamic Culture, Calcutta Univ. 1929-62 and since then engaged in literary research; *Mem* : Islamic Research Society, Asiatic Society; previously member of numerous Univ. bodies; *Knows* : Arabic, Persian, English, German & French; *Visited* : Turkey, Egypt & Syria for studies; *Add* : P-6, Suhrawardy Avenue, Calcutta-17.

SIDDIQI, (Dr) Zaheer Ahmad—Head, Dept. of Urdu, Delhi Univ. since 1967; *b* 10 July 1929 at Budaun in U.P.; *Edn* : M.A. (Urdu) in 1953 & M.A. (Persian) in 1959 from A.M.U. & Ph. D. (Urdu) in 1962 from Delhi Univ.; *Resch Exp* : Several research students worked and working under him; *Pub* : Books - Tehqiqi-Mutalia-i-Anis, Tehqiqi Mutalia-i-Hali, Intikhab-i-Diwan-i-Momin, Qasid-i-Momin, Diwan-i-Dard, Gulzar-i-Naseem, Sehar-ul-Bayan, Jazbati-i-Razi etc.; *Exp* : AMU; St. Stephens College, Delhi; Delhi College, Delhi; *Mem* : Jt. Secy. of All India Univ. Urdu Teachers Association, Executive Cttee member of Anjuman-i-Tarraqi Urdu; Vice President of Anjuman Tarraqi Urdu (Delhi); on the editorial board of many Urdu magazines; *Knows* : Urdu, Persian, English & Hindi; *Hobb* : Essay writing; *Add* : Dept. of Urdu, Delhi Univ., Delhi-7.

SIDHU, Gurdev Singh—Head, Panjabi Dept., T.P.D. Malwa College, Rampura Phul since July 1968; *b* 4 January 1941 at Khai in Dist. Ferozepur; *Edn* : M.A. (Panjabi) in 1967 from Lyallpur Khalsa College, Jullundur; *Pub* : A few papers and articles, poems and short stories in various literary magazine and newspapers; also 'Prem Sumarg' and collection of folk songs; *Exp* : Shri Guru Arjan Dev College, Taran Taran; *Mem* : Genl. Secy. of Panjabi Sahit Sabha (Ludhiana) for several years; *Knows* : Panjabi, Hindi, English & Urdu; *Add* : V. & P.O. Khai, Dist. Ferozepur.

SIDHU, Kulbir Singh—Co-ordinator, Govt. Training College, Jullundur since August 1967; *b* 15 August 1930 in Dist. Montgomery, W. Pakistan; *Edn*: M.A. (Maths) in 1953 from D.A.V. College, Jullundur; B. Ed. in 1955 from Govt. P.G. Basic Training College, Chandigarh; M. Ed. in 1961 with first class first from State College of Education, Patiala; M.A. (Psy) in 1967 from A.M.U. with first class second; *Resch Exp*: Guiding research work for M. Ed. students; *Pub*: Books (some of them both in Hindi & Punjabi)—The Teaching of Mathematics, Principles & Methods of Education, The Teaching of General Science, Elementary Educational Psychology, Flight of Man, Vidyarthi, Jiwan Munch, Sardar; *Honours*: Cash Award of Rs. 2400/- for Jiwan Munch; other awards etc.; *Exp*: State College of Education, Patiala for 10 years; *Knows*: English, Hindi, Punjabi, Urdu & Persian; *Hobb*: Music, literature reading and acting; *Add*: Vill. & P.O. Kalu Wahir, Via Sham Churasi, Dist. Hoshiarpur.

SILVANO, Christopher—St. Charles College, Sardhana since 1943; *b* 20 September 1916 at Sardhana; *Edn*: M.A. (History) in 1951 & M.A. (English) in 1956 from Agra Univ.; *Pub*: Credentials of Christianity, Masihat par ek Nazar; several articles on Begum Sumru, radio-talks etc.; *Exp*: Thomas College, Shahgunj, Jaunpur 1940-43; *Genl*: Chief Representative for Diocese of Meerut & the Catholic News Service of India; free-lance journalist, editor of Fazlon-ki-Maa etc; Qualified Physical Instructor, Municipal Commissioner during 1958-65; *Knows*: English, Hindi, Urdu & Persian; *Hobb*: Writing and wild-life; *Add*: Chaoni, Sardhana, Dist. Meerut.

SINGH, (Dr) A. D.—Prof. of Radiotherapy & Radiation Medicine, College of Medical Sciences, BHU since September 1967; *b* 31 July 1929 at Vill. Mosadpur in Dist. Monghyr; *Edn*: MBBS in 1953 from Patna Univ., DMRT in 1958 from Royal College of Surgeons & Physicians, London; FFR in 1960 from Faculty of Radiologists; *Resch Exp*: in oral cancer, cancer of Maxile Retinoblastome, cancer in childhood etc.; *Pub*: Over 25 papers; *Exp*: Patna Medical College Hospital, Patna 1954; M.O. Incharge, Bhagalpur Dist. Board 1955-56; Registrar Radiotherapy at Royal Victorial Infirmary, Newcastle, Tyne 1957-59 and at same position at The Middlesex Hospital, London 1960; Institute for P.G. Training & Medical Reasearch, Chandigarh 1961-62; Reader 1962-64, Assoct. Prof. 1964-66 & Prof. 1966-67 at Christian Medical College, Vellore: *Mem*: Faculty of Radiologists (UK), Indian Radiological Association; *Knows*: English & Hindi; *Visited*: UK, Sweden, Norway, Italy, France & Germany; *Hobb*: Electronics and photography; *Add*: College of Medical Sciences, BHU, Varanasi-5.

SINGH, Birendra Kumar—Block Education Extension Officer, Dehri-on-Sone; *b* 10 April 1937 at Shahabad; *Edn*: M.A. (Sociology) in 1958 & M. Ed. in 1967 from Patna Univ.; *Pub*: Books - Shiksha Sidhant, Shiksha Manovigyan, Shikshan Vidhi, Pathshala Prabandh, Model Lesson Notes, Bhartiya Shiksha: Adhunik Kal, Bihar me Prathmik Shiksha ka Punrsangathan; numerous articles published in popular magazines and journals; *Exp*: H.N.K. Higher Sec. School, Arrah & Instructor at Teachers Training School, Bihiya; *Mem*: Mala Mandal (Arrah); *Knows*: Hindi, English & Bengali; *Add*: Block Edn. Extn. Officer, Dehri-on-Sone, Orissa.

SINGH, (Dr) Braj Kishore—Reader in Economics, Gorakhpur Univ; *b* 16 September 1930 at Varanasi; *Edn*: M. A. (Econ) in 1951 from BHU & Ph. D. (Econ) from Agra Univ.; *Pub*: About 15 papers besides books on Economic Development of India, Development of USA, Economic Development of Japan, Economic Theory, Public Finance and Employment Theory; *Exp*: For past 18 years at BHU & Gorakhpur Univ.; *Mem*: Indian Economic Association; *Knows*: Hindi & English; *Add*: Dept. of Economics, Gorakhpur Univ., Gorakhpur.

SINGH, (Dr) Chinta Mani—Director, Indian Vety. Research Institute, Izatnagar since July 1966 ; *b* 30 November 1922 at Belawon in Dist. Jaunpur ; *Edn* : G.B.V.C. in 1947 with Gold Medal from Bihar Vety. College, Patna ; M.S. in 1953 & Ph. D. (Path & Bacteriology) in 1956 from Michigan State Univ., USA ; *Resch Exp* : For many years in Lymphosarcoma, Leukemia, Listeriosis, Salmonellosis, enteric infections, respiratory diseases of poultry, pulmonary affections in animals etc. ; *Pub* : About 60 papers on diseases of live - stock and poultry ; *Exp* : Michigan State Univ. & Vety. Virus Research Institute, Cornell Univ, USA 1952-56 ; U.P. College of Vety. Sc. & A.H., Mathura 1957-64 ; Dean, Faculty of Vety. Sc. & A.H., Agra Univ. 1958-61 ; Dean, College of Vety. & A.H., Hissar 1964-66 ; *Mem* : Indian Science Congress, Association of Microbiologists of India, Indian Public Health Association, Indian Vety. Association, National Academy of Sciences of India, Indian Poultry Science Association, Nutrition Society of India, several Univ. bodies ; *Knows* : Hindi, Urdu, English & German ; *Visited:* USA , France, W. Germany & Denmark for higher education and attending conferences; *Add :* Indian Vety. Research Institute, Izatnagar, U.P.

SINGH, (Dr) D.V.—Prof. in Mech. Engg., Roorkee Univ.; *b* 11 December 1934 at Lucknow ; *Edn* : M.S. in 1962 & Ph. D. in 1964 from Univ. of Wisconsin ; *Resch Exp* : For 6 years ; *Pub* : Effect of additions in lubricants on friction and wear between metal pairs ; *Exp :* joined Univ. of Roorkee 7 years back ; *Mem* : American Society of Mechanical Engineers, Society of Automotive Engineers ; *Knows* : Hindi, English, German & French ; *Visited* : USA; *Hobb :* Photography ; *Add* : Dept. of Mech. Engg., Univ. of Roorkee, Roorkee.

SINGH, (Dr) Devendra Pratap Narain—Administrative Warden, Birla Hostel, BHU ; *b* 11 July 1929 at Jaunpur in U. P. ; *Edn*: M. A. (Econ), M. Com., LL.B., Ph. D. ; *Resch Exp:* In Labour-legislation Relating to Large Scale Industries in India ; Productivity of Workers in Cotton textile industry at Kanpur, Personnel Management in Indian Industries ; *Exp*: Joined BHU in 1951 and since then held different positions ; *Pub*: Books—Economic Development of USA, Economic Development of USSR, Introduction to Economics, Business Management, Constitution of Ghana ; a few articles and project reports; *Mem*: Indian Academy of Labour Arbitration, All India Society of Labour Economics, All India Commerce Association ; *Add*: Dept. of Commerce, Central Hindu College, BHU, Varanasi-5.

SINGH, Durg Pal—Principal, M.G.S. Degree College, Barnagar since July 1967; *b* 20 March 1943 ; *Edn* : M.A. (Pol. Sc.) in 1963 from Agra College, Agra ; *Resch Exp*: In the social and political thought of Swami Dayanand Saraswati ; *Pub*: A large number of articles in various magazines and newspapers ; *Exp :* S. S. P. R. I. College, Achnera, Agra 1965 ; Janta Degree College, Lalgaon 1965-66 ; Shri Nehru Degree College, Agar (Malwa) 1966-67 ; *Mem*: Academic Council, Court and other educational associations ; *Knows*: Hindi & English ; *Add*: M. G. S. Degree College, Barnagar, Dist. Ujjain.

SINGH, Govind Prakash—Principal, S. P. M. Rajput College of Commerce, Jammu since June 1955 ; *b* 1 January 1932 at Etah ; *Edn*: M. Com. in 1953, LL. B. in 1952 & LSGD in 1952 from Allahabad Univ.; *Exp*: For 15 years teaching degree classes ; *Mem* : Dean, Faculty of Commerce in J&K Univ. for last three terms ; memher of Senate & Syndicate of J & K Univ., Convenor of Board of Studies since 1957 in J & K Univ. ; *Knows*: Hindi, English & Urdu ; *Hobb*: Gardening ; *Add*: S. P. M. Rajput College of Commerce, Jammu, J & K.

SINGH, (Mrs) Gurnam Lal—Principal, Govt. College of Education, Chandigarh since November 1967 ; *b* 14 February 1913 at Lyallpur in W. Pakistan ; *Edn*: B. T. in 1935 from Lady Maclagan Training College, Lahore ; M. A. (Psy) in 1944 from Govt. College, Lahore ; Research Certificate in Child Development in 1952 from Institute of Education (London) & Dip. in Edn. Psychology in 1953 from Univ. College, London ; *Pub*: Methods of Treatment of Emotionally Disturbed Children, Eye Movement in Reading, Speech Defects in Children etc. ; *Exp*: Govt. Girls High Schools at Rohtak, Lyallpur & Gurdaspur during 1935-47 ; Govt. Training College for Women, Simla 1947-55 ; joined at Chandigarh as Head of Psy. Dept. in 1955 and later Principal in 1967 ; *Mem*: Many social and educational organisations ; *Knows*: Punjabi, Hindi & English ; *Visited*: UK, France, Germany, Austria, Belgium, Switzerland & Italy for studies etc.; *Hobb*: Home made pickles ; *Add*: 288, Sector 10 A, Chandigarh.

SINGH, (Dr) Hame Durgu—Principal & Prof. of Physiology, Thanjavur Medical College, Thanjavur since December 1961; *b* 15 March 1918 at Rangoon in Burma; *Edn* : MBBS in 1944 & M.Sc. from Madras Univ.; *Resch Exp* : For nearly two decades ; *Pub* : About 30 papers on respiratory physiology and pulmonary function tests ; *Exp* : Madras Medical College, Madras 1951-57 ; Madurai Medical College, Madurai 1957-61; *Mem* : Physiological Society (UK), Association of Physiologists & Pharmacologists of India, Indian Science Congress ; Academic Council, Senate, Board of Studies of Madras Univ.; Army Medical Corps Captain (1944); *Visited* : UK, Sweden, Denmark, Germany, France, Switzerland & Italy ; *Knows* : English, Tamil, Telugu & Hindi ; *Add* : Thanjavur Medical College, Thanjavur, Tamil Nadu.

SINGH, (Dr) Hari Har—Dept. of Geography, BHU, since 1958 ; *b* 27 July 1932 at Barain in Dist Jaunpur ; *Edn* : M.A. in 1957 & Ph. D. (Urban Geography & Planning) in 1965 from BHU ; *Resch Exp* : For past 10 years ; *Pub* : Over a dozen research papers in different research journals ; *Exp* : S C. College, Ballia 1957-58 ; *Mem* : National Geographical Society of India, Indian Science Congress ; *Knows* : Hindi, Urdu, English & French ; *Hobb* : Philately and numismatics ; *Add* : G-116, Hyderabad Colony, BHU, Varanasi-5.

SINGH, (Dr) Harigyan—Head, Dept. of Agronomy, Univ. of Udaipur since September 1965 ; *b* 10 January 1930 at Bhadakur in Dist. Bhind ; *Edn* : M.Sc. (Agronomy) in 1956 & Ph. D. in 1963 from B.R. College, Agra; *Resch Exp* : Principal Investigator for U.S., P.L. 480 Research Projects ; *Pub* : About 30 research papers on soil fertility and management, weed control and manuring of crops ; *Exp* : B.R. College, Agra ; *Mem* : Indian Society of Agronomy ; Faculty of Univ.; *Knows* : Hindi & English ; *Add* : P.O. Bhadakur, Dist. Bhind, M.P.

SINGH, Hridaya Narayan—Principal, Tilakdhari College, Jaunpur since July 1948 ; *b* at Mirzapur in U.P.; *Edn* : M.A. (English) in 1938 with first position in the Univ. & B.T. in 1939 from; BHU; *Pub* : An introduction to the study of Fifteen Great English Poets ; several papers on literary and educational subjects ; *Exp* : S.D. Inter College, Muzaffarnagar 1939-40 ; Tilakdhari Singh Kshattriya Inter College, Jaunpur (Vice-Principal 1940-44 & Principal 1945-48); *Mem* : Arts Faculty & Senate of Agra Univ.; MLC (since 1952); Leader of Nationalist Party in U.P. Legislative Council since 1964 ; President of All India Federation of Univ. & College Teachers' Organisation since 1965 (President of State Federation since 1966); member of Arts Faculty, Court, Academic Council, Executive Council of Gorakhpur Univ.; *Knows* : Hindi, English, Sanskrit & Urdu ; *Visited* : Lebanon, Switzerland, France, UK, W. Germany & Italy as Govt. of India delegate ; *Add* : T.D. College, Jaunpur, U.P.

SINGH, (Dr) Jogendra Prasad—Principal, S.R.T., N.E.S. College, Barman since June 1966; *b* 30 November 1937 at Nawakothi in Dist. Monghyr; *Edn*: M.A. (History) in 1960 from Patna Univ., B.L. in 1961 from Patna Law College & Ph. D. (History) in 1965 from Univ. of London ; *Pub* : papers on Ratna the son of the Cahamana Hammira & the Sack of Chitoor, Bappadatti of the Dhulev Plate and Guhila Bappa; *Exp* : N.E.S. College, Jashpur Nagar 1965-66 ; *Mem* : Royal Asiatic Society of UK ; *Knows* : Hindi, Sanskrit & English ; *Visited* : UK, France, Germany, U.A.R. & Pakistan ; *Add* : Vill. & P.O. Nawakothi, Dist. Monghyr, Bihar.

SINGH, (Dr) K. N.—Head, Divn. of Agrl. Extension, IARI, New Delhi-12 since June 1967; *b* 2 November 1921 at Bheri in Dist. Shahabad in Bihar ; *Edn* : M.S. (Agri Extension) in 1958 & Ph D. in 1959 from Univ. of Wisconsin, USA ; *Resch Exp* : For nearly 15 years ; *Pub* : Over 35 research papers ; *Exp* : Bihar Agrl. College, Sabour ; College of Agri., Wisconsin, USA ; *Mem* : President, Indian Journal of Extension Education ; member, Indian Science Congress, Rural Sociological Society of America, Association of Scientific Workers of India, Chief Editor of Indian Journal of Extension Education ; *Genl* : Widely travelled throughout the world, organized several training programmes in extension ; *Knows* : English, Hindi & French; *Add*: Divn. of Agrl. Extension, IARI, Hillside Road, New Delhi-12.

SINGH, (Dr) K. P.—Prof. of Maths., BHU since July 1968 ; *b* 2 March 1919 at Pali in Dist. Jaunpur ; *Edn* : M.Sc. in 1942 with first class first & Ph. D. (Relativity) in 1955 from BHU ; *Resch Exp* : For past 25 years ; *Pub* : About 25 research papers in Indian and foreign journals ; *Exp* : Joined BHU in 1945 and held different positions since then ; *Mem* : Academy for the Progress of Mathematics, National Academy of Sciences, Indian Science Congress ; *Knows* : English, Hindi, Urdu & Bengali ; *Hobb* : Music ; *Add* : P-4/3, Ravindrapuri, Varanasi-5.

SINGH, Kunj Behari—Principal, Anjabit Singh College, Bikramganj since January 1964 ; *b* 20 November 1927 at Vill. Keshopur in Dist. Shahabad ; *Edn* : M. Com. in 1951 from V.S.S.D. College, Kanpur & M A. (Econ) in 1959 from Bihar Univ.; *Pub* : A text book - Intermediate Book-keeping ; *Exp* : Lecturer 1951-63 at H D. Jain College, Arrah ; *Mem* : Academic Council of Magadh Univ., Lions Club ; *Knows* : Hindi & English ; *Hobb* : Social welfare works ; *Add* : Anjabit Singh College, Bikramganj, Dist. Shahabad.

SINGH, (Dr) Madhusudan—Prof. & Head, Dept. of Geography, B. R. College, Agra since November 1966 ; *b* 1 February 1928 at Vill. Ugarpur, Dist. Farrukhabad ; *Edn* : M. A. in 1953 & Ph. D. in 1962 from B.R. College, Agra ; *Resch Exp* : Thesis on Meerut and the Urban field; guiding many research students in rural land use and urban aspects of geography ; *Pub* : A few papers ; *Exp* : U.P. Degree College, Varanasi 1953-55 ; M.L.K. Degree College, Balrampur-Garda 1955-56 ; joined B.R. College, Agra in 1956 ; *Mem* : Indian Science Congress, Hyderabad Geographical Association, associated with other Univ. and social bodies; *Knows* : Hindi, English & Urdu ; *Hobb* : Games and organisation of sports functions : *Add* : 1/182, Yashohari Kuti, B.M. Sarkar Road, Delhi Gate, Civil Lines, Agra-2.

SINGH, (Dr) Mahendra—Agronomist, I.A R I., New Delhi ; *b* 10 May 1921 at Ajmer in Rajasthan ; *Edn* : M. Sc. (Agrl Bot) in 1944 from BHU & Assoc. IARI in 1951 from IARI, New Delhi ; *Resch Exp* : Over 22 years ; *Pub* : About 25 research papers on subjects like tobacco cultivation, sugarcane crops, ploughing, fertilizer use, irrigation, mixed crops, soil and water conservation etc.; *Exp* : Total experience of about 25 years ; *Mem* : Indian Society of Agronomy, Pusa Research Society, Association of Scientific Workers in India ; *Knows* : English & Hindi ; *Add* : Divn. of Agronomy, I.A.R.I., Hillside Road, New Delhi-12.

SINGH, (Dr) Mithilesh Kumar—Dept. of Botany, Science College, Patna since November 1957 ; *b* 22 October 1934 at Asergong in Dist. Monghyr; *Edn* : M.Sc. (Bot) in 1957; & Ph.D. in 1963 from Patna Univ.; *Resch Exp* : For ten years in cytogenetics and plant breeding ; *Pub* : About 15 papers in international journals ; *Exp* : Started with Patna Univ ; *Mem* : Botanical Society, National Academy of Sciences, Indian Society of Genetics & Plant Breeding, Indian Science Congress ; associated with many scientific journals ; *Knows* : English & Hindi ; *Visited* : UK 1963-64 ; *Hobb* : Philately and numismatics ; *Add* : 246, Road No. 7, Rajendranagar, Patna-16.

SINGH, (Dr) Moti—Principal, Degree College, Ghazipur since November 1959 ; *b* in July 1918 at Hingutargarh in Dist. Varanasi ; *Edn* : M.A. (Hindi) & LL.B. in 1948 from Lucknow Univ. ; B.T. in 1944 & Ph.D. in 1958 from BHU ; *Pub* : Cultural background of Nirguna School of Poetry, Commemoration Volume of Rajarshi Udai Pratap Singh ; *Exp* : Hindi Dept., U.P. College, Varanasi 1949-59 ; *Mem* : A few bodies of Gorakhpur Univ. ; *Knows* : Hindi & English ; *Add* : Degree College, Ghazipur.

SINGH, (Dr) Nagendra Pratap—Assoct. Prof. of Pathology, College of Vety. Medicine, U.P. Agrl. Univ. since April 1965 ; *b* 10 July 1936 at Varanasi ; *Edn* : M.S. in 1962 & Ph.D. in 1965 from Kansas State Univ. ; *Resch Exp* : For 10 years in pathology and bacteriology, tissue virus etc. ; *Pub* : Ten research papers on subjects like embryo loss in dairy cattle, bovine uterus, fibroma in poultry, buffalo calves etc. ; *Exp* : Biological Products Section, Lucknow for 1½ years ; *Mem* : Sigma Xi, Sigma Delta, American Society of Animal Sciences, American Association for Advancement of Science, Indian Vety. Association ; *Visited* : USA, Canada, UK, France, Switzerland & Italy during 1961-65 ; *Knows* : English, Hindi & French ; *Add* : c/o Sri Deep Narain Singh, Principal, R. K. College, Hardoi, U.P.

SINGH, Pranvir—Principal, Bipin Bihari College, Jhansi since July 1961 ; *b* 1 January 1921 at Shahjahanpur in U.P. ; *Edn* : M.Sc. (Physics) in 1941 from Lucknow Univ. ; Proficiency in German in 1941 from Lucknow Univ. ; *Exp* : Halim Muslim College, Kanpur 1943 ; St. Andrew's College, Gorakhpur 1944 ; D.A.V. College, Kanpur 1945-61 ; Pratap Bahadur Degree College, Pratapgarh 1964-65 (on leave); *Knows* : Hindi & English ; *Hobb* : Shikar (big and small) ; *Add* : Bipin Bihari College, Jhansi.

SINGH, Prem Prakash—Reader in Panjabi, Panjabi Univ. since 1963 ; *b* 10 December 1926 at Faridkot ; *Edn* : M.A. (Sanskrit) in 1950, M.A. (Panjabi) in 1952 & M.A. (Hindi) in 1960 from Panjab Univ. ; *Resch Exp* : For over 25 years in linguistics and poetics ; *Pub* : Books- Origin & Development of Panjabi, Indian Criticism, Sahitya Vivechan, Vani Guru Gobind Singh; *Honours*: Rs. 1000/- from Panjab Govt.; Awarded by Panjabi Sahitya Smeeksha Board (Jullundur) ; *Exp* : Khalsa College, Amritsar 1950-55 ; Asstt. Director, Language Dept., Patiala 1955-63 ; *Mem* : President of Himachal Sanskrit Visva Parishad, (Vice-President of Panjab State), Founder Member of Panjabi Sahitya Akademi ; *Knows* : Punjabi, Hindi, Sanskrit & Urdu ; *Hobb* : Poetry & public speaking ; *Add* : Vill. & P.O. Nangal, (Moga).

SINGH, (Dr) Promod Kumar—Principal, Kisan Degree College, Simbhaoli since September 1966 ; *b* 10 January 1932 at Dharampur in Dist. Deoria ; *Edn* : M. Sc. (Chem) in 1956 from B.R. College, Agra; P.G. Diploma in Spectroscopy in 1959 & Ph. D. (Agrl Chem) in 1960 from BHU ; *Resch Exp* : For over 5 years ; *Pub* : On Soils of U.P., Humic Acids in Soils of U.P., reducing sugars in soils of U.P. etc.; *Exp* : BHU 1956-60 ; T.D. College, Jaunpur & Dayanand College, Ajmer 1960-66 ; *Mem* : Indian Society of Soil Sciences, IARI (New Delhi) ; *Knows* : Hindi, English ; *Add* : K.D. College, Sambhaoli, Dist. Meerut.

SINGH, (Dr) R. M.—Associate Dean, College of Agri., Jobner Campus since May 1967; *b* 17 July 1924 at Akhaipur in Dist. Jaunpur ; *Edn* : M. Sc. in 1949 & Ph. D. in 1956 from B.R. College, Agra ; *Resch Exp* : For over 15 years ; *Pub* : About 23 papers and several popular articles ; *Exp* : B.R. College, Agra 1949-56 ; Rajasthan College of Agri., Udaipur since 1956, teaching U.G. & P.G. classes ; *Mem* : Indian Society of Agronomy, Soil Conservation Society of India ; *Genl* : Rockefeller Foundation Fellowship 1962-63 ; *Knows* : Hindi, Urdu & English ; *Visited* : USA 1962-63 & UK ; *Hobb* : Reading ; *Add* : College of Agri., Univ. of Udaipur, Jobner (Jaipur).

SINGH, (Dr) Raghava Prasad—Prof. & Head, Dept. of Education, Mysore Univ. since December 1965 ; *b* 1 July 1915 at Jagdishpur in Dist Gorakhpur ; *Edn* : M.A. (English) in 1944, B. Ed. in 1946 & Ph. D. in 1958 from Lucknow Univ.; M.A. in 1956 from Birmingham Univ., UK ; *Resch Exp* : For over 15 years ; *Pub* : Books - Secondary Education in Modern Democracies, Secondary Education : The Democratic Approach, Democratic Secondary Education ; *Exp* : For 20 years in Lucknow Univ.; *Mem* : Indian Science Congress, Association of Teacher Educators ; *Knows* : English, Hindi, Sanskrit & Urdu ; *Visited* : UK & USA ; *Hobb* : Reading and writing of poetry ; *Add* : Dept. of Education, Mysore Univ., Mysore or Vill. Jagdishpur Bhaluwan, Dist. Gorakhpur.

SINGH, (Dr) Ragunath—Vice Principal, R.B.S. College, Agra since 1965; *b* 1 March 1907 at Kasimpur Garhi n Dist. Bijnor ; *Edn* : M. Sc. (Chem) in 1929 from Agra College, Agra ; *Pub* : Books - Organic Chemistry, Organic Chemistry, Agricultural Chemistry, Dairy Chemistry, Fertilisers & Manures, Soil Sciences (English & Hindi); a large number of papers on condensation ; *Exp* : Kshattriya High School, Jaunpur for 1 year; H.A.V. School, Kalakankar for 3 years; Head, Chem. Dept., R.B.S. College, Agra since 1935 & Vice Principal since 1965 ; *Mem* : Indian Chemical Society ; *Knows :* Hindi, English & Urdu ; *Add* : c/o Ratan Prakashan Mandir, Hospital Road, Agra-3.

SINGH, (Dr) Raj Deo—P.U. P.G. Regional Centre, Rohtak ; *b* 26 July 1936 at Vill. Audah in Dist. Azamgarh ; *Edn* : M.A. (Hindi) in 1958 from BHU & Ph. D. (Hindi) in 1966 from Panjab Univ.; *Resch Exp* : For ten years ; guiding research ; *Pub* : Books - Hindi Sahitya Kosh, Shabda aur Artha, Santon ka Bhaktiyog, Ph. D. thesis and two other books in Press ; *Exp :* BHU ; P.U. Evening College, Jullundur ; *Mem :* Haryana Hindi Sahitya Parishad, Nagari Pracharini Sabha, Akhil Bhartiya Hindi Parishad; *Knows*: Hindi, Sanskrit, Appabhransha, English & Urdu; *Hobb* : Writing and teaching ; *Add* : Vill. Audah, P.O. Saravan (Lalganj), Dist. Azamgarh.

SINGH, (Dr) Raj Nath—Principal, Udai Pratap College, Varanasi since July 1961 ; *b* 1 July 1917 at Sauna in Dist. Ghazipur ; *Edn* : M.Sc. (Agri Bot) in 1941 from BHU & Ph. D. (Dairying) in 1948 from Iowa State College, USA ; *Resch Exp* : For five years ; guiding research workers ; *Exp* : B.R. College, Agra ; U.P. College of Vety. Science & A.H., Mathura ; State-Livestock cum Agrl. Farms, U.P.; *Mem* : Academic Council, Faculty of BHU ; Executive Council of Gorakhpur Univ.; Faculty of Vety. Sc. & Agri. at Agra Univ.; *Visited* : USA, UK & Denmark ; *Knows* : Hindi, English, Sanskrit, Urdu, French & German ; *Add* : Vill. & P.O. Sauna, Dist. Ghazipur, U.P.

SINGH, (Dr) Rajendra Pal - Divn. of Agronomy, I.A.R.I., New Delhi since 1965; *b* 27 March 1930 at Lakhaoti in Dist. Bulandshahr; *Edn:* M. Sc. (Crop Husbandry) in 1949 from B. R. College, Agra & Assoc. IARI in 1952 from IARI, New Delhi; *Resch Exp* : For 10 years in sugarcane and crop agronomy; *Pub* : A book on Teaching of Agriculture in India; about 50 papers on mechanized & Coop. farming, poultry etc; *Exp:*J.V. Agrl. College, Baraut for 1½ years; Regional College of Education, Ajmer for 5 years; *Mem*: Indian Society of Agronomy, National Association of Agrl. Teachers; *Knows:* Hindi & English; *Visited:* USA for P.G. training; *Hobb* : Caricaturing; *Add* : Divn. of Agronomy, IARI, Hillside Road, New Delhi-12.

SINGH, (Dr) Rajendra Pal - Reader in Education, National Institute of Education, New Delhi since July 1966; *b* 30 June 1932 at Vill. Salaipur in Dist. Aligarh; *Edn* : M.A. (English) in 1954 from Christ Church College, Kanpur; M. Ed. in 1957 from Univ. of Allahabad; M.A. (Edn) in 1960 & Ph.D. (Edn) in 1966 from Univ. of London; *Resch Exp* : For nearly 8 years; *Pub :* Books- Soviet Jan Shiksha ka Swaroop, Anusandhan ki Ruprekha, Nehru on Education, Radhakrishnan: Portrait of an Educationist, Zakir Husain : Dynamics of Indigenous Education etc.; *Honours :* U.P. State Award Winner ; *Exp :* B. R. College of Education, Agra ; Meerut College, Meerut ; K.R. Teachers Training College, Mathura ; *Knows* : English & Hindi ; *Visited :* UK ; *Add :* National Institute of Education, P-13, Green Park Extension, New Delhi-16.

SINGH, (Dr) Ram Bihari—Prof. & Head, Dept. of Economics, Bihar Univ. since 1962 ; *b* 1 December 1915 at Saran in Bihar ; *Edn :* M.A. (Econ) in 1936 & Ph. D. (Industrial Labour in Bihar) in 1951 from Patna Univ.; *Resch Exp* : For past 30 years ; guiding many research workers; *Pub* : Books - Economic Analysis & Money, Economic Theory, International Economics, Commercial Geography of India, Studies in Principles of Planning ; *Exp :* Lecturer 1938-62, Reader in 1962, Univ. Prof. in 1964 & Dean of Arts Faculty in 1967 ; *Mem :* Academic Council, Syndicate, Examination Board of Bihar Univ. and other Univ.; Bihar Public Service Commission & Bihar Univ. Service ; *Knows* : Hindi, Sanskrit, Urdu & English ; *Add* : Dept. of Economics, Bihar Univ., Muzaffarpur.

SINGH, Ram Lakhan—Head, Pol. Sc. Dept., M.S.J. (Govt) College, Bharatpur; *b* 2 February 1929 at Meerut ; *Edn* : M.A. (Pol Sc), LL. B. in 1951 & M.A. (History) in 1954 from AMU ; *Pub* : Adhunik Rajnitik Vichar Dharayen, Principles of Public Administration, Representative Political Thinkers, Introduction to Pol. Sc., Teaching of History & Civics in Indian Schools ; *Exp* : D.M. College, Moga ; K.V. College, Machhra ; Rajasthan Educational Service since 1958 ;. *Knows* : Hindi & English ; *Hobb* : Writing books ; *Add* : M.S.J. (Govt.) College, Bharatpur (Rajasthan).

SINGH, (Dr) Ram Lochan—Prof. & Head, Dept. of Geography, BHU since 1955 ; *b* 20 March 1917 at Vill. Bahiri in Dist. Jaunpur ; *Edn* : M.A. (Geog) in 1945 from Calcutta Univ. & Ph.D. in 1953 from London Univ.; *Resch Exp* : For over 25 years; *Pub* : Books - Elements of Practical Geography, Prayogatmak Bhugol Praveshika ; nearly 50 research papers on subjects like trends of urbanisation in U.P., basic concepts in urban geography, tourism in India, evolution in rural settlements, other geographical topics ; *Honours* : J.L. Nehru Medal 1958, Hiroshima Univ. Medal 1964 ; *Exp* : U.P. College, Varanasi for one year ; joined BHU over 23 years back ; *Mem* : Secy. of National Geographical Society of India since 1946. President of Indian Council of Geographers (1959), Sectional President of International Geography Congress (Rio de Janeiro 1956), UGC Cttee in Geography, Sectional President of Indian Science Congress (1966-67), member of National Cttee for Geography, Hony. Secy. of Org. Cttee of 55th Session of Indian Science Congress in 1968; member of many Govt. appointed Cttees and on the editorial board of many research journals ; *Genl* : Deeply interested in rural development programmes ; *Knows* : Hindi, English & Sanskrit ; *Visited* : About 35 countries of the world for attending conferences and/or as Visiting Professor ; *Add* : Dept. of Geography, BHU, Varanasi-5.

SINGH, Ram Naresh—Asstt. Prof. of Social Work, Institute of Social Sciences, Kashi Vidyapeeth since January 1965 ; *b* 30 June 1940 at Lucknow ; *Edn* : M.A. (English) in 1960 from BHU & M.A.S. in 1962 from Kashi Vidyapeeth ; *Resch Exp* : Preparing thesis on the Behaviour Problems of Mentally Retarded Children ; *Pub* : Papers on mental retardation, juvenile delinquincy, child's personality etc. ; *Exp* : Social Worker 1962-65 ; *Mem* : Secy., U.P. Association on Mental Retardation ; Assoc. Secy. of International Friendship Club ; Member of All India Association of Trained Social Workers ; *Knows* : Hindi, English, Sanskrit, French & Urdu ; *Hobb* : Horse-riding, stray reading etc. ; *Add* : School of Social Work, Kashi Vidyapeeth, Varanasi.

SINGH, (Dr.) Ram Nath—Prof. of Horticulture, IARI, New Delhi since December 1965 ; *b* 1 October 1921 at Varanasi ; *Edn* : M.Sc. Agr. (Agrl. Bot) in 1947 from Agri. College, Kanpur & Ph.D. (Hort) in 1957 from Agra Univ. ; *Resch Exp* : For nearly 20 years ; *Pub* : Book—Phalon ki Kheti ; nearly 60 papers in Indian and foreign journals ; *Honours* : Awarded Cash Prize by U.P. Govt. ; *Exp* : Central College of Agri., New Delhi for 3 years ; Govt. Agrl. College, Kanpur ; joined IARI over 9 years back ; *Mem* : Indian Society of Horticulture, American Society of Horticultural Science, International Society of Horticultural Science, Japanese Society of Horticulture ; *Genl* : Guiding numerous Ph.D. students ; *Knows* : English, Hindi & Urdu ; *Visited* : USA, Canada, USSR for further training ; *Hobb* : Gardening ; *Add* : Divn. of Horticulture, I.A.R.I., Pusa, Hillside Road, N. Delhi-12.

SINGH, (Dr) Ram Ratan—Prof of Agrl. Econ., Ranchi Agrl. College, Ranchi since 1962 ; *b* 31 December 1918 at Vill. Birjumilki in Bihar ; *Edn* : P.G. Research during 1948 at I.A.R.I., New Delhi & Ph.D. in 1957 from Ohio State Univ., USA ; *Resch Exp* : Guiding research work for past 15 years ; *Pub* : Over 50 articles and research notes ; *Exp* : Started at Ranchi Agrl. College ; *Mem* : Indian Agrl. Econ. Society, American Farm Econ. Society, American Econ. Society ; *Knows* : Hindi, English & Russian ; *Visited* : USA, UK, France, W. Germany, E Germany, Switzerland, Italy for further study ; *Add* : Dept. of Agrl. Econ., Ranchi Agrl. College, Kanke, Ranchi.

SINGH, (Dr) Rama Shankar—Reader in Physics, BHU since 1961 ; *b* 1 May 1915 at Gandhi Nagar, Reoti, Dist. Ballia ; *Edn* : M.Sc. (Physics) in 1940 from Allahabad Univ. & Ph.D. (Spectroscopy) in 1955 from BHU ; *Resch Exp* : For past nearly 15 years ; guiding many research projects ; *Pub* : A book—Electricity & Magnetism ; over 50 papers in Indian and foreign journals ; *Exp* : Govt. Colleges for 10 years ; at BHU for past 19 years ; *Mem* : Indian Science Congress, Indian Physical Society ; *Genl* : Special interest in molecular physics ; *Knows* : Hindi, Urdu & English ; *Add* : Dept. of Physics, BHU, Varanasi-5.

SINGH, (Dr) Rama Shankar—Assoct. Prof. of Plant Pathology, U.P. Agrl. Univ. since July 1966 ; *b* 1 March 1927 at Vill. Gagaha in Dist. Gorakhpur ; *Edn* : M.Sc. in 1948 with first class first & Ph.D. in 1956 from Govt. Agrl. College, Gorakhpur ; Advanced Training in Soil Fungi in 1960 from Univ. of Wisconsin, USA ; *Resch Exp* : For 24 years ; *Pub* : A Book on Plant Diseases besides over 60 research papers ; *Exp* : Govt. Agrl. College, Kanpur 1951-56 ; Ranchi Agrl. College, Ranchi 1956-63 ; joined U.P. Agrl. Univ. in 1963 ; *Mem* : Indian Phytopathological Society, Indian Botanical Society, Indian Science Congress, Univ. bodies ; *Knows*: Hindi & English ; *Visited*: USA ; *Add* : College of Agri., U. P. Agrl. Univ., Pantnagar, U.P.

SINGH, (Dr) Rana Rai—Head, Section of Cytology & Cytochemistry in the Divn. of Genetics, IARI, New Delhi since March 1968 ; *b* 6 November 1936 at Kundal in Dist. Rohtak ; *Edn* : Assoct. IARI in 1959 with first class first & Ph.D. (Cytogenetics) in 1963 from IARI, New Delhi-12 ; *Resch Exp* : For over 12 years ; *Pub* : More than 40 research papers ; *Honours* : Recipient of Jubilee Scholarship of IARI 1957-59 ; *Exp* : Started with IARI, New Delhi ; *Mem* : Indian Society of Genetics & Plant Breeding ; *Knows* : English, Hindi, Urdu & German ; *Hobb* : Floriculture and farming ; *Add* : Divn. of Genetics, IARI, Hillside Road, New Delhi-12.

SINGH, S. R.—Principal, Engineering College, Dayalbagh, Agra-5 since September 1962 ; *b* 15 November 1910 at Ghazipur in Uttar Pradesh ; *Edn* : B.Sc. (Engg) in 1935 from BHU ; *Exp* : For 12 years at Technical College, Dayalbagh, Agra & joined the Engineering College, Dayalbagh, Agra over 18 years back ; *Mem* : Academic Council, Executive Council, Faculty of Engineering of Agra Univ. ; Dean of the Faculty ; Member of Institution of Engineers (India) ; *Knows* : Hindi & English ; *Add* : 108/42-43, Prem Nagar, Dayalbagh, Agra-5.

SINGH, (Dr) Shiva Sagar—Assoct. Prof. of Agronomy, U.P. Agrl. Univ. since 1962 ; *b* 1 July 1930 at Kusumhi in Dist. Jaunpur ; *Edn* : M.Sc. Ag. in 1950 from B.R. College, Agra ; Assoct. IARI in 1952 & Research Fellow 1952-54 at IARI, New Delhi ; Ph.D. in 1961 from Univ. of Nebraska, USA ; *Resch Exp* : For over 10 years ; *Pub* : Many papers in Indian and foreign journals ; *Exp* : Asstt. Director of Agri., M.P. 1954-62 ; *Mem* : Indian Society of Agronomy ; *Genl* : Worked with farmers in helping raise their farm production ; *Knows* : English & Hindi ; *Visited* : USA 1958-61 for higher studies ; *Hobb* : Gardening ; *Add* : Dept. of Agronomy, U.P. Agrl. Univ., Pantnagar, U.P.

SINGH, (Dr) Shivaji—Dept. of A.I.H.C. & A., Gorakhpur Univ. since July 1958 ; *b* 18 July 1934 at Gorakhpur ; *Edn* : M.A. (History) in 1956 from BHU & Ph.D. in 1965 from Univ. of Gorakhpur ; *Resch Exp* : In factors leading to the evolution of Smriti Law ; also in ancient history, archaeology etc. ; *Pub* : Various articles on subjects like slive-punch-marked coins, Ramagram etc. ; *Exp* : BHU 1956-57 ; M.P. Degree College, Gorakhpur 1957-58 ; *Mem* : Indian History Congress, Indian Oriental Conference, Numismatic Society of India, Indian Archaeological Society ; *Genl* : Trench-Supervisor, Rajaghat Excavations, BHU, 1956-57 ; Incharge of U.P. Govt. Excavations in Gorakhpur Divn. 1963-65; *Knows* : Hindi, Sanskrit & English ; *Hobb* : Collection of antiques ; *Add* : Vill. & P.O. Barhaya Chauk, Dist. Gorakhpur.

SINGH, (Dr) Shri Dhar—Dept. of Hindi, S.V. Univ. since July 1962 ; *b* 22 October 1931 at Newada in Dist. Jaunpur ; *Edn* : M.A. (Hindi) in 1957 & Ph.D. in 1961 from BHU ; *Resch Exp* : In creative genius of Tulsidas ; also guiding several Ph.D. students ; *Pub* : Books—The Plot Technique of Manas, Creative Genius of Tulsidas, A Dictionary of Tulsi's Technical Terms, Paribhasika Tulsi Kosha, Hindi Ki Sahitya Sanchetana aur Upalabdhiyan ; over 20 articles ; *Honours* : U.P. Govt. Merit Scholarship in B.A., BHU Research Fellowship, several prizes and certificates ; *Exp* : BHU for 2 years ; Lala Bhagwandeen Sahitya Vidyalaya, Varanasi for 2 years ; Central Hindi Directorate, Delhi during 1961-62 ; *Mem* : Secy. of several Hindi Research & Literary Societies at Jabalpur Jaunpur, BHU and Prime Minister of College Parliaments at different times ; *Knows* : Hindi, English Urdu, Telugu & Gujarati ; *Genl* : Special interest in Bhakti literature and written many books, working for D Litt. in Sociological study of Hindi literature ; *Add* : V. & P.O. Newada, Dist. Jaunpur, U.P.

SINGH, (Dr) Shri Krishna—Prof. & Head, Dept. of Mathematics, Karnatak Univ. since 1963; *b* 20 April 1920 at Azamgarh in U.P. ; *Edn* : M.A. (Maths) in 1946 from Allahabad Univ. & Ph.D. (In complex variable) in 1953 from AMU ; *Resch Exp* : For over 20 years ; *Pub* : Books for Pre-Univ., B.A. & B.Sc. and P.G. classes ; numerous papers in world journals ; *Exp* : Teaching Graduate classes since 1946 and P.G. classes since 1953 ; joined Karnatak Univ. in 1960 ; *Mem* : Indian Mathematical Society, Indian Science Congress ; *Genl* : Guiding many rese rch students ; four already obtained their Ph.D. ; *Knows* : English, French, German, Hindi & Sanskrit ; *Visited* : USA 1958-60 for post-doctoral studies ; *Add* : Vill. Lahuan Kalan, P.G. Lahuan, Dist. Azamgarh, U.P.

SINGH, (Dr) Sushil Chandra—Prof. & Head, Dept. of Pol. Sc., Kurukshetra Univ. since March 1968 : *b* 10 September 1913 at Wairaferozpur in Dist. Bulandshahr ; *Edn* : M.A. (Pol Sc.) in 1940, Ph D. in 1943 & D. Litt. in 1952 (winning Bonarjee Research Prize second time, Garu Gold Medal & Silver Jubilee Gold Medal) from Lucknow Univ. ; *Pub* : Rajniti, Mahatru Puran Shasan Pranaliyan, Bharatiya Shasan aur Rajniti ke Sanvaish, Swatantra Rashtron ke Sambandh, Rajnaya ke Siddhant, International Affairs etc. ; *Exp* : Lecturer 194[illegible]-54, Reader 1954-67 in Saugar Univ. ; Prof. in Vikram Univ. ; Prof. in Vikram Univ. 1967-68 ; *Mem* : President of Indian Political Science Association (1955) ; member, Indian Council of World Affairs ; *Knows* : Hindi, Urdu & English ; *Add* : Dept. of Pol. Sc., Kurukshetra Univ., Kurukshetra, Haryana.

SINGH, Sushil Kumar—Principal, Jagdam College, Chapra in Dist. Saran since May 1962 ; *b* 15 January 1929 at Vill. Ami in Dist. Saran; *Edn* : M.A. (Econ) in 1950 from Patna College, Patna ; *Resch Exp*: In Panchayat Finance in Bihar ; *Exp*: Rajendra College, Chapra 1951-61; joined Jagdam College, Chapra in 1961 as Head of Dept. ; *Mem* : Senate, Faculty, Board of Studies, Moderation Board & Academic Council of Bihar Univ.; associated with numerous social welfare & relief bodies ; *Genl* : Journalist—correspondent attached with many nationally important newspapers ; *Knows* : Hindi & English ; *Add* : Vill. & P.O. Ami, Dist. Saran.

SINGH, Tega Bahadur—Mycology Divn., Bihar Agrl. College, Bhagalpur since March 1967 ; *b* 4 July 1943 at Piraunta in Dist. Ballia ; *Edn* : M.Sc. (Mycology & Plant Pathology) in 1963 with first class first, Vice-Chancellor's Gold Medal & Gold Key for best thesis from Bihar Agrl. College, Bhagalpur ; *Resch Exp* : For 5 years ; *Pub* : A few papers ; *Honours* : Recipient of scholarship throughout academic career ; *Exp* : Town Inter College, Ballia 1960-61 ; Town Degree College, Ballia 1964-65 ; BHU 1965 ; *Mem* : Indian Phytopathological Society, Indian Botanical Society, Entomological Society of India National Academy of Sciences, Indian Academy of Sciences, Indian Science Congress ; *Knows* : Sanskrit, Hindi Urdu, Bengali, English, French & Russian ; *Hobb* : Travel, photography and drawing ; *Add* : Piraunta, Via Reoti, Dist. Ballia.

SINGH, (Dr) Ujagir—Head, Dept. of Geography, Gorakhpur Univ. since 1967 ; *b* 1 July 1919 *in Dist. Ghazipur* ; *Edn* : M.A. (Geog) in 1946 with Univ. Silver Medal from Calcutta Univ. & Ph.D. from London Univ. ; *Resch Exp* : For past over 15 years ; guiding many research workers and over a dozen already obtained their Ph.D. ; *Pub* : Economic Geography of India, Allahabad—A Study in Urban Geography ; besides nearly 35 research papers ; *Exp* : U.P. College, Varanasi 1947-50 ; BHU 1950-67 ; *Mem* : Attended Pacific Science Congress, Tokyo, 1966 ; Secy. of Indian Council of Geographers ; attended numerous Geographical Conferences in India ; *Knows* : English & Hindi ; *Visited* : S. Africa, W. European countries, UK & Japan ; *Add* : Dept. of Geography, Gorakhpur Univ., Gorakhpur.

SINGH, (Dr) Vijai Pal—Prof. & Head, Dept. of Hindi, S.V. Univ. since August 1959 ; *b* 21 June 1923 at Banwaripur in Dist. Jalesar ; *Edn* : M.A. (Hindi) in 1950 from Agra College & M.A. (Sanskrit) in 1952 from B.R. College, Agra ; Ph.D. in 1958 (Keshar aur unka Sahitya) from Aligarh Univ. & D. Litt. (Keshav ka Acharyatwa) in 1964 from Agra Univ. ; *Pub* : Keshav aur Unka Sahitya, Keshav ka Acharytwa, Keshav Das, Gadya Sudha ; *Honours* : Dalmia Prize ; *Exp* : Agra College, Agra 1950-53 ; AMU 1953-59 ; *Mem* : Chairman, Hindi Text Book Cttee of South Zone for NCERT ; Hindi Advisory Board of A.P. Govt. ; Member of Board of Studies in Kerala, S.V., Mysore, Bombay, A.P. Universities ; Chairman of Board of Studies in Hindi, Dakshin Bharat Hindi Prachar Sabha, Madras ; associated with other numerous educational bodies ; *Knows* : Hindi, Sanskrit, English & Urdu ; *Hobb* : Dept. of Hindi, S.V. Univ., Tirupati.

SINGH, (Dr) Vikramaditya—Head, Dept. of Maths., Punjabi Univ. since September 1964 ; *b* 8 February 1928 at Kanpur ; *Edn* : M.Sc. in 1948 with first class first winning Gold Medal from Agra Univ. & Ph.D. in 1954 from Delhi Univ. ; *Resch Exp* : For 20 years at different educational institutions ; *Pub* : Papers on Polynomials, Laplace Integral, C. fractions, circular domains, onorthogonal subset of Appell polynomials etc. ; *Exp* : Head, Maths. Dept., D.A.V. College, Kanpur 1957-63 ; Reader, Delhi Univ. 1963-64 ; *Mem* : Senate, Syndicate & Academic Council of Punjabi Univ. ; Member, Indian Science Congress, Indian Mathematical Society, American Mathematical Society, Japan Mathematical Society ; *Visited* : USA ; *Add* : Dept. of Maths., Punjabi Univ., Patiala.

SINGHI, Vimal Kishore—Secy., M.P. Shikshak Sahitya Parishad, Gwalior ; *b* 1 March 1933 at Gadarwara in Dist. Narsinghpur ; *Edn* : M.A. (Pol. Sc.) in 1961 from Maharani L.B. Arts & Commerce College, Gwalior & B.Ed. in 1965 from P.G. Basic Training College ; *Pub* : Gwalior, Agra Digadarshika ; many short stories and articles in different magazines and newspapers ; *Exp* : Mahabir H.S. School, Lashkar 1961 ; Govt. H.S. School, Marar 1964 ; Jiwaji Rao H.S. School, Lashkar 1965 ; Govt. H.S. School, Isagarh 1966 ; Govt. H.S. School, Gwalior ; *Mem* : Several educational and social bodies ; *Genl* : A renowned poet, story-writer and critic ; *Knows* : Hindi, English, Urdu, Panjabi & Marathi ; *Hobb* : Painting ; *Add* : 12/28, Birlanagar. Gwalior.

SINGH, (Dr) Narendra—Head, Dept. of Sociology, Rajasthan Univ., Jaipur since 1962 ; *b* 3 July 1936 at Sirohi in Rajasthan ; *Edn* : M.A. (Adv. Socio) in 1956 from Bombay Univ. & Ph.D. (Bureaucracy—A Sociological Analysis) ; *Resch Exp* : Guiding P.G. research work ; *Pub* : Co-author of Sociology for India ; other books—Democratic Decentralization and Problems of leadership, Some Aspects of Social Research in India, Techniques of Begging, Lonliness of Man ; over a dozen radio-talks ; *Exp* : Govt College, Didwania 1957 ; Govt. College, Sirohi 1958 ; M.B. College, Udaipur 1958-62 ; *Mem* : American Sociological Association, Indian Sociological Society, Sri Aurobindo Society, Seva Mandir (Udaipur) ; *Knows* : Hindi, English & Rjasathani ; *Hobb* : Social-welfare ; *Add* : c/o Prentice-Hall of India (P) Ltd., M-97, Con. Circus, New Delhi-1.

SINH, (Dr) Raghubir—Maharajkumar of Sitamau ; *b* 23 February 1908 at Laduna in Dist. Mandsaur ; *Edn* : LLB. in 1930 from Holkar College, Indore ; M.A. (History) in 1933 & D. Litt. in 1936 from Agra Univ. ; *Resch Exp* : In Poona Residency Correspondence, Fort William India House Correspondence etc. ; guiding many historical research works in Agra, Ujjain, Rajasthan, Jiwaji & Indore Universities ; *Honours* : Mangla Prasad Prize in 1945 & U.P. Govt. Award in 1954 ; *Exp* : Shri Ram High School, Sitamau 1926-28 & 1930-33 ; guiding research scholars at Shri Raghubir Library, Sitamau which attracts researchers from all over Northern India ; *Mem* : Royal Asiatic Society, Asiatic Society, Indian History Congress, Indian Historical Records Commission (1937-42 and

1952), President of Indian History Congress (Dec 1952 & Sectional President in 1953) Calcutta Historical Society (its Vice-President 1944-66); member of countless Univ. bodies all over Northern India; *Pub*: Purva Madhya Kalin Bharat. Bikhare Phul, Sapta Deep, Shesha Smritiyaen, Ratlam ka Pratham Rajya, Purva-Adhunik Rajasthan, Malwa in Transition, Indian States & New Regime, Aurangzeb besides other numerous publications on various aspects of Indian history; author of hundreds of essays, historical papers, introductions etc. for past 40 years; *Genl*: Suceeded to Sitamau Gaddi in 1967 and abdicated in favour of his son; participated in Chamber of Princes affairs; High Court Judge of Sitamau State 1932-41; associated with Sitamau Administration 1934-48; in Indian Army 1941-45; Member of Parliament (Rajya Sabha 1952-62); *Knows*: Hindi, English, Marathi & Gujarati; *Visited*: UK, USA, Switzerland 1956-57; *Hobb*: Photography and travelling; *Add*: Raghubir Niwas, Sitamau (Malwa).

SINHA, (Dr) Ajit Kumar—Head, Dept. of Philosophy, Kurukshetra Univ. since July 1963; *b* 22 August 1923 at Khashpur in W. Bengal; *Edn*: M.A. (Phil) in 1944 from Agra Univ. & Ph.D. in 1955 from Univ. of Illinois; *Resch Exp*: In philosophy of science and social philosophy; *Pub*: Books - The Problem of Appearance and Reality in Sankara & Bradley, A World-View Through a Reunion of Philosophy & Science, Social Philosophy, Principles of Sociology, Masters of Social Thought, Prolegomena to the Philosophical Foundations of Society, Social Structure of India, Social Institutions of India; over 50 papers in reputed journals; *Mem*: American Association for the Philosophy of Science (USA); *Exp*: Meerut College, Meerut 1944; D.H. College, Moga; Dayanand Mathradas College 1945-49; Balwant Rajput College, Agra 1949-52; Univ. of Illinois, USA 1952-55; Birla Arts College, Pilani 1956-63; *Genl*: Hony. Editor of Democracy & World Peace; *Knows*: English, French, Sanskrit, Bengali & Hindi; *Visited*: USA & UK; *Add*: 39, S.R. Das Road, Calcutta-26.

SINHA, (Dr) Bichitrananda—Head, Dept. of Geography, Karnatak Univ. since 1963; *b* 1 January 1930 at Ramachandrapur in Dist. Puri; *Edn*: M.A. (Geo-economics) & D. Phil. (Planning in Orissa) in 1957 from Calcutta Univ.; *Resch Exp*: Guiding about 20 research workers; *Pub*: Books - The Mysore Villages, Traffic Pattern at Sirsi, Urban Studies-an aid to Research, Industrial Geography of India, Geography of Orissa; *Exp*: National Atlas Orgn. 1957-60; D.V. Diagnostic Survey, I.I.T., Kharagpur 1961-63; *Mem*: Indian Science Congress, Indian Council of Geographers, Geographical Society of India, Deccan Geographical Association, Regional Sciences Association; *Knows*: Oriya, Hindi, Bengali & English; *Add*: Dept. of Geography, Karnatak Univ., Dharwar.

SINHA, (Dr) Dilip Kumar—Reader in Maths., Jadavpur Univ. since September 1965; *b* 10 January 1940 at Howrah; *Edn*: M.Sc. (App Maths) from Calcutta Univ. & Ph.D. in 1964 from Jadavpur Univ.; *Resch Exp*: In Piezoelectricity, magneto-elasticity & magneto-hydrodynamics etc.; *Pub*: Co-author of Mechanics, Dynamics & Mechanics; over 50 articles and research papers published in Indian and foreign journals; *Exp*: Lecturer 1960-65 and Reader since 1965; *Mem*: Secy., Mathematical Association (Jadavpur); Editor, Indian Journal of Mechanics & Mathematics; Advisor, Mathematics Education, Bihar; member of several mathematical and social organisations; *Knows*: English & Bengali; *Genl*: Director of Summer Institute in Mathematics for School Teachers 1967 & 1968; Director of Study Group in Mathematics, NCERT; *Add*: 69/A, Ekdalia Road, Ballygunge, Calcutta-19.

SINHA, Durganand—Prof. & Head, Dept. of Psychology, Allahabad Univ. since 1961 and Dean since 1968; *b* 23 September 1922; *Edn*: M.A. in 1945 with first class first winning Univ. Gold Medal from Patna Univ. & M.Sc. (Psy) in 1949 from Cambridge Univ.; *Resch Exp*: For about 25 years; *Pub*: Books - Psychological Studies, Job Satisfaction in Workers, Academic Achievers and Non-Achievers, Village in Transition: A Motivational Analysis, Motivation of Rural Population in a Developing Country; over 75 research papers in reputed journals; *Exp*: Patna Univ.; I.I.T., Kharagpur; Allahabad Univ.; *Mem*: American Psychological Association, Indian Psychological Association, (President for U.P. Branch 1967-68), Sectional President of Indian Science Congress (Chandigarh 1966), Sectional President of Indian Sociological Conference (Saugar 1960); member XVIII International Congress of Psychology; President, 42nd Indian Philosophical Congress; member of several Univ. bodies; *Knows*: Maithili, Hindi, Bengali & English; *Visited*: UK 1947-49, USA 1957, USSR 1966; *Hobb*: Photography and painting; *Add*: Dept. of Psychology, Allahabad Univ., Allahabad.

SINHA, (Dr) Indranand—Dept. of Maths., I.I.T., Kanpur since 1965; *b* 3 July 1931 at Sultanganj in Dist. Bhagalpur; *Edn*: M.Sc. (Maths) in 1953 from BHU & Ph.D. (Algebra) in 1962 from Wisconsin Univ.; *Resch Exp*: Guiding several Ph.D. students; *Exp*: Bihar Univ. 1953-57; Bhagalpur Univ. 1957-63; Michigan State Univ. 1963-65; *Pub*: Books-Techniques in Group Theory, Modern Algebra, First Course in Modern Algebra; about 30 papers and research reports; *Mem*: Indian Mathematical Society, American Mathematical Society, American Mathematical Association, Pi Mu Epsilon; *Knows*: Hindi, Maithili, Bangla, English, German, French, Sanskrit & Urdu; *Visited*: USA 1960-62 & 1963-65; *Hobb*: Music, literature etc.; *Add*: Dept. of Maths., I.I.T., Kanpur.

SINHA, (Dr) Jogendra Prasad—Prof. of Radiology & Radiotherapy, Patna Univ. since May 1964; *b* 5 July 1921 at Bhagwanpore Ratti in Dist. Muzaffarpur; *Edn*: MBBS in 1948 from P.W. Medical College, Patna & D.M.R.D. (Radio-diagnosis) in 1955 from Royal College of Physicians & Surgeons, London; *Resch Exp*: Guiding research of students for MD since 1959; *Exp*: Registrar, Central Middlesex Hospital, London 1955-56; joined Patna Univ. (Patna Medical College & Hospital) in 1956 and held different positions; *Mem*: Indian Radiological Association, Indian Medical Association, Indian Endocrinological Association; *Knows*: English & Hindi; *Visited*: UK for higher education; *Hobb*: Sight-seeing; *Add*: Vill. Bhagwanpur Ratti, P. S. Vaishali, Dist. Muzaffarpur.

SINHA, (Dr) Jwala Prasad—Head, Dept. of Botany, Ranchi Univ. since 1961; *b* 2 January 1921 at Vill. Banjari in Dist. Shahabad, Bihar; *Edn*: M.Sc. in 1947 from BHU, Ph.D in 1958 from Univ. of London & Visharad in Hindi in 1938 from Hindi Sahitya Sammelan, Prayag; *Resch Exp*: For 18 years; *Pub*: Three text books in Botany-Madhyamik Vanaspati Vigyan, Jiv Vigyan, Prayogic Vanaspati Vigyan Nirdeshika; *Exp*: Science College, Patna 1947-61; *Mem*: Indian Science Congress, British Phychological Society (London), Phycological Society (India), Society of Cytologists & Geneticists (India); Academic Council & Faculty of Ranchi Univ.; Director of Hindi Book Production Cell, Govt. of India; Standing Commission of Scientific & Technical Terminology, Bihar State Univ. Commission; *Knows*: Hindi, English & German; *Visited*: UK for higher research; *Add*: Mohalla Mahendru (Chaitola), Patna-6.

SINHA, (Dr) Kedar Nath—Director, Central Mining Research Station, Dhanbad since May 1964; *b* 1 February 1916 at Srinagar in Dist. Saran (Bihar); *Edn*: Degree in Mining in 1939 from Indian School of Mines, Dhanbad; Mine Surveyor's Certificate of Competency in 1940 & Manager's First Class Certificate of Competency in 1942 from Govt. of India; Ph.D. (Mining) in 1949 from Leeds Univ.; *Resch Exp*: For past nearly 30 years in planning, co-ordination, organising and guiding connected with technology, stowing, safety and engineering; *Pub*: Over 75 papers; *Exp*: Secy., Govt. of Bihar Coal Industry Re-org. Cttee 1940; Trainee Mining Engineer 1941; Mine Manager, Jharia Coalfields 1942-46; Leeds Univ. 1946-49; M/s Andrew Yule & Co. Ltd. 1950-60; Officer-on-Special Duty 1960-64 and Director since 1964 at Central Mining Research Station; *Mem*: Institution of Mining Engineers (London), Institution of Engineers (India), Mining, Geological & Metallurgical Institute of India, Indian Mine Managers Association, National Association of Colliery Managers, I.S.I., Indian Science Congress, Planning Commission Cttee on Minerals etc., Coal Board, Explosives Cttee of Govt. of India, of numerous Govt. of India and other bodies; *Genl*: Eleven Prizes during 1935-39, Gold Medal 1950 and Rs. 500/- from Govt. of India; Bronze Medal in 1953; Silver Medal 1960, 1000 Australian Shillings 1963; *Knows*: Hindi & English; *Visited*: UK, Ireland, France, Belgium, Holland, E. Germany, W. Germany, Denmark, Sweden, Norway, Poland, Czechoslovakia, Austria, Russia, Switzerland, Italy & Egypt; *Hobb*: Cultural activities and music; *Add*: Vill. Srinagar, P.O. Siwan, Dist. Saran, Bihar.

SINHA, (Dr) Raj Rajeshwar Prasad—Head, Dept. of Psychology, Ranchi Univ. since July 1967; *b* 22 November 1932 at Patna; *Edn*: M.A. (Psy) in 1953 with first class second from Patna Univ. & Ph.D. (A comparative study of Tribal and Non-Tribal Intelligence) in 1966 from Ranchi Univ.; *Resch Exp*: Guiding many research workers; *Pub*: Two text books for Under-graduates students in Hindi viz. 'Samanya Manovigyan ki Rooprekha' and 'Vikastmak Bal Monovigyan' (latter book now in its 6th edition); *Exp*: Institute of Psychological Research & Studies 1953-54; L. S. College, Muzaffarnagar 1954-60; Ranchi College 1960-63; joined Univ. Dept. of Psychology, Ranchi Univ. in 1963; *Mem*: Indian Psychological Association; *Knows*: Hindi & English; *Add*: Mohalla-Aryapuri, Ratu Road, Ranchi.

SINHA, (Dr) Sirtaj Bahadur—Head, Dept. of Agri. Chem. & Soil Sciences Agri. College, Indore since September 1962; *b* 29 March 1928 at Bareilly; *Edn*: M.Sc. (Ag Chem) with first class first in 1950, Dip. in German in 1952 & D. Phil. (Soil Sciences) in 1953 from Allahabad Univ.; *Resch Exp*: For nearly 20 years in conducting and guiding research; *Pub*: Over 40 papers in Indian and foreign journals; *Exp*: For 18 years teaching and research experience; Head of Dept during 1958-60 also; *Mem*: Fellow, Indian Chemical Society, Indian Society of Soil Sciences, National Academy of Sciences, American Society of Agronomy, International Society of Soil Sciences; *Knows*: Hindi, Urdu, English & German; *Visited*: USA; *Add*: College of Agri., Indore, M.P.

SINHA, (Dr) Sri Rama—Dept. of Maths., Allahabad Univ. since 1952; *b* 24 April 1931 at Safdarjang in Dist. Barabanki; *Edn*: M.A. in 1950 with first class second & D. Phil. in 1958 from Allahabad Univ.; *Resch Exp*: In the absolute summability of Fourier series and its conjugate series; guided a few research workers for D. Phil.; *Pub*: Books - Theory of Equations, Co-ordinate Geometry, Samikarana Siddhanta; popular articles and research papers in numerous journals; *Honours*: Recipient of many Medals and Merit Scholarships from Allahabad Univ.; *Exp*: At Allahabad Univ. for past 17 years; *Mem*: Allahabad Mathematical Society, Indian Science Congress, Indian Mathematical Society, Society for International Development (USA); *Genl*: Also teaching Astronomy to P.G. students; *Knows*: Sanskrit, Hindi, English, French & German; *Hobb*: Philately, drama-directing & travelling etc.; *Add*: Parijata, 12/9, Pannalal Road, Allahabad-2.

SINHA, (Dr) Suhridchandra—Head, Dept. of Psychology, Calcutta Univ. since 1960; *b* 22 March 1903 at Shusung in Dist. Mymensingh; *Edn*: M.Sc. in 1927 from Calcutta Univ. & Ph.D. in 1950 from Graz Univ., Austria; *Resch Exp*: For past 40 years; guiding P.G. research; *Pub*: On Psychology of Advt., Problem of Mental Deficiency in India, Role of Psychology in Peace Problem, Human Relation in Hindu Religion, Elements of General Psychology, Industry & Social Relations etc.; *Exp*: Lecturer 1936-47, Sr. Lecturer 1951-54, Reader 1955 - & Head since 1960 at Calcutta Univ.; Graz Univ., Austria 1948-49; *Mem*: Visva Bharati Univ., Indian Psychological Association, American Psychological Association, American Behavorial Science etc.; *Knows*: English, Bengali, Hindi & German; *Visited*: USA, Austria, Germany, Sweden, France, U.K. & Australia; *Hobb*: Shooting, riding and rowing; *Add*: 15/1, Ramkanto Bose street, Calcutta-3.

SINHA, (Dr) Surendra Bahadur—Asstt. Prof. in App. Maths., I.I.T., Kharagpur since September 1967; *b* 8 October 1938 at Rampur; *Edn*: M.Sc. (Maths) in 1958 from Agra Univ.; M. Tech. (Non-Linear Mechanics) in 1960 & Ph. D. (Maths) in 1963 from I.I.T., Kharagpur; *Resch Exp*: In elasticity, thermo-elasticity and Seismology; *Pub*: Near 20 research papers in Indian and foreign papers; *Exp*: Hind College, Sambhal for 1 year; joined I.I.T., Kharagpur in 1960; *Visited*: Japan 1963-64; *Knows*: Hindi, English, Urdu, German & Japanese; *Add*: c/o Shri Sham Sher Bahadur Sinha, Mohalla Jhanda, Rampur, U.P.

SINHA, (Dr) Tribeni Prasad—Head, Univ. Dept. of Anatomy, P.W. Medical College, Patna since March 1955; *b* 16 February 1908 at Ranchi ; *Edn* : M.A. in 1949 from Univ. of Pennsylvania; *Resch Exp* : In tissue culture, embryology, neuro-anatomy, study of living tissue in transparent ear Rabbit Chamber ; *Pub* : Ten research papers; *Exp* : Joined P.W. Medical College, Patna in 1936 and held different positions since then ; *Mem* : Indian Science Congress, Anatomical Society of India (President 1956-57), Indian Medical Association (Local Secy), Lab. siege de Institute of International de Embryology (Holland), member of numerous Univ. bodies ; Convenor, Govt. of India Cttee for planning A.I.I. of Basic Medical Sciences; *Knows* : Hindi, English & Bengali ; *Visited* : All around the world and visited numerous Institutions; *Add* : Road No. 7, Rajendra Nagar, Patna-16.

SINHA ROY, (Dr) Jibendra Binod—Head, Dept. of Bengali, Univ. of Burdwan since April 1965 ; *b* 1 February 1927 at Vill. Asikati in Dist. Tipperah ; *Edn* : M.A. (Bengali) in 1948 & D. Phil. (Life & Works of Pramatha Chaudhuri) in 1958 from Calcutta Univ. ; *Pub* : Pramatha Chaudhuri, From Rammohan to Rabindranath (2 volumes), The Poetic Circle of Madhusudan, Modern Bengali Lyrics, Bengali Sonnets etc. ; *Exp* : A.C. College, Jalpaiguri for 8 years ; Vivekananda College, Calcutta for 4 years ; *Mem* : W.B. College & Univ. Teachers' Association ; *Knows* : English, Sanskrit, Assamese & Hindi ; *Add*: Dept. of Bengali, Univ. of Burdwan, Burdwan, W.B.

SIRCAR, (Dr) Sourindra Mohan—Director, Bose Research Institute, Calcutta ; *b* 1 March 1908 at Paikpara in Dist. Nadia ; *Edn* : M.Sc. (Bot) in 1931 from Calcutta Univ., Ph.D. in 1936 from Imperial College of Science, London ; *Resch Exp* : For nearly 40 years ; *Pub* : More than 80 papers ; editor of International Symposium on Plant Growth Substances ; *Exp* : Dacca Univ. 1946-47 ; Central College of Agri., Delhi 1949-51 ; Calcutta Univ. 1960-67 ; *Mem* : President of Botanical Society of Bengal, Indian Society of Plant Physiology & President of Botany Section of Indian Science Congress (1963) ; *Knows* : English, Bengali & Hindi ; *Visited* : USA, USSR, UK and other European countries ; *Add* : Bose Research Institute, 93/1, Acharya Prafulla Chandra Road, Calcutta-9.

SIRCAR, (Dr) Dines Chandra—Director, Centre af Advanced Study in Ancient Indian History & Culture, Calcutta Univ. since 1961 ; *b* 8 June 1907 at Krishnanagar in Dist. Faridpur ; *Edn*: M. A. in 1931 with first class first winning Univ. Gold Medal and Prize from Calcutta Univ.; *Pub*: Books—The Early Pallavas, The Successors of the Satavahanas in the Deccan, A Grammar of the Prakrit Language, Inscriptions of Asoka, Indian Epigraphy, Indian Coins, and a number of other books; also edited : Land System and Feudalism in Ancient India, The Sakti Cult & Tara ; more than 1000 articles in learned magazines and journals; *Exp*: Calcutta Univ. since 1937 ; *Mem*: President of Indian History Congress (Delhi 1948) and other sessions ; Asiatic Society of Bengal, Royal Asiatic Society, Royal Numismatic Society, Numismatic Society of India ; *Knows*: Sanskrit, English & Bengali ; *Visited*: UK & USSR ; *Add*: 645, New Alipore, Calcutta-53.

SIROHI, (Dr) Amar Singh—Head, Divn. of Agro. Economics, IARI, New Delhi-12 since August 1968; *b* 8 August 1926 at Kheri in Dist. Bulandshahr; *Edn* : M.A. (Econ.) in 1949 from Agra Univ. ; M.A. in 1960 & Ph.D. in 1962 from Kansas State Univ., USA ; *Resch Exp* : For over 10 years ; guiding numerous Ph.D. students ; *Exp* : Kansas State Univ. for 4 years ; National Council of App. Econ. Research, New Delhi for 1 year ; Economist for 2 years, Prof. for 2 years and Head of Dept. since 1968 at IARI ; *Pub* : A book 'Survey of Hilly & Backward Areas of Punjab' ; besides 15 papers and research bulletins ; *Mem* : Indian Society of Agrl. Economics, American Farm Economic Association ; *Genl* : Chairman of several research projects ; *Knows* : English, Hindi, Urdu & French ; *Visited* : USA, UK, Holland, France, Italy, Switzerland, Germany & USSR ; *Hobb* : Photography ; *Add* : Divn. of Agrl. Econ., I.A.R.I., Hillside Road, New Delhi-12.

SIROHI, (Dr) Gir Raj Singh—Plant Physiologist, I. A. R. I., New Delhi since 1963; *b* 1 September 1928 at Kheri in Dist. Bulandshahr; *Edn*: M. Sc. Agri. in 1949 from BHU, Ph.D. (Crops) in 1955 from Delhi Univ., M. A. (Bot) in 1956 & Ph. D. in 1958 from California, USA; *Resch Exp*: For 15 years in agriculture and botany; *Pub*: Over 20 papers in various journals; *Exp*: Delhi Univ. 1951-55; Univ. of California 1955 63; *Mem*: Indian Society of Plant Physiologists (Vice-President), Indian Society for Genetics & Plant Breeding; *Genl*: First Indian to go to South Pole in 1960-61; named 'Sirohi Point, in Antarctica in Feb. 1967 by the U. S. Board of Geographical Names; *Knows*: Hindi, Urdu, English, German & Russian; *Visited*: USA, Newzealand, Australia, Japan, Egypt, Portugal, Greece, France, Germany & UK; *Hobb*: Photography; *Add*: Vill. Kheri, P. O. Nishurkha, Dist. Bulandshahr.

SIVANNA, G. S.—Principal, Siddaganga Institute of Technology, Tumkur since June 1963; *b* 5 December 1922 in Mysore Dist.; *Edn*: B. E. in 1945 from Univ. College of Engg., Bangalore & M. E. (Irrigation) in 1960 from Univ. of California, USA; *Exp*: Univ. College of Engg., Bangalore 1947-49; Junior Engineer, Asstt. Engineer, Tech. Asstt. for more than 15 years in P.W D., Govt. of Mysore; *Mem*: Academic Council, Univ. of Mysore; Institution of Engineers, Association of Principals of Technical Institutions, Rotary Club; Jt. Secy. of the Sree Siddaganga Education Society; *Genl*: Vast experience in design and execution of water-supply and major irrigation projects; *Knows*: English & Kannada; *Visited*: USA for study of irrigation engineering; *Add*: Siddaganga Institute of Technology, Tumkur.

SIVARAMAKRISHNAN, (Dr) Valadi Mahadeva—Head, Isotope Dn., Cancer Institute, Madras-20 since November 1957; *b* 17 March 1925 at W. Kamayut in Burma; *Edn*: Ph. D. (Bio-chem) in 1955 from Madras Univ. & Certificate (Radio-isotopes & Radiation Chemistry) in 1957 from Oak Ridge Institute of Nuclear Studies, USA; *Resch Exp*: For past 18 years in intermediary metabolism, nuclear medicines, biological effects of radiation and radiomimetic agents; *Pub*: Over 25 research papers in leading international journals; *Honours*: Recipient of Govt. scholarship for entire 20 years of academic career, won prizes and medals, Fulbright Smith-Mundt Fellowship 1956, Nuffield Fellowship in 1962; *Exp*: American College, Madurai 1946-48; M. D. T. Hindu College, Tirunelveli 1948-50; Univ. of Madras 1950-56; USA 1956 57; *Mem*: Society of Biological Chemists, Biochemical Society (UK) and on the editorial Board of American Journal of Nuclear Medicine; *Knows*: English, Tamil, German & French; *Visited*: USA, UK and W. Europe; *Add*: 128, Big Street, Madras-5.

SIVA SHANKAR, P.—Principal, Sri Renukacharya College of Law, Bangalore since 1963; *b* 25 November 1906 at Bangalore; *Edn*: B. A. from Mysore Univ. & LL. B. from Bombay Univ.; *Pub*: many articles; *Exp*: Joined Govt. Law College, Bangalore as Prof. & Vice-Principal in 1947, became Principal & Dean, Law Faculty of Mysore Univ. in 1954; retired in 1961 and founded S. R. College of Law; *Mem*: President of Indian Law Teachers' Association; founder member of Indian Law Institute; associated with many Univ. bodies; *Genl*: Practised as an advocate of Mysore High Court during 1932-47; *Visited*: UK, Europe, USA, Japan, Thailand, Singapore & Ceylon; *Knows*: English, Kannada & Hindi; *Hobb*: Scouting, swimming, photography and stamp collection; Chief Commissioner of Scouts, India-Bharat Scouts & Guides; *Add*: Shanthinikethan, Bull Temple Road, Bangalore-19.

SNATAK, (Dr) Vijayendra—Reader in Hindi, Delhi Univ.; *b* 23 December 1914 at Vrindaban in Dist. Mathura; *Edn.*: M. A. (Hindi) in 1940 from Agra Univ., Shastri (Sanskrit) in 1941 from Panjab Univ. and from Queens College, Banaras; Ph. D. (Hindi) in 1956 from Delhi Univ.; *Resch Exp*: For over 15 years; guided more than 15 theses; *Pub*: Twelve books—Radha Vallabh Sampradaya, Samikshatmak Niband, Chintan ke Kshan, Alockhak Ramchandra Shukl, Kanyanai Darshan, Hindi Sahitya ka Vikas etc.;

over 50 research papers; *Honours*: Harjimal Dalmia Prize of Rs. 2100/-, U. P. Hindi Samiti Prize of Rs. 800/-; President, Hindi Sahitya Sammelan; Secy., Bhartiya Hindi Parishad, Allahabad; *Exp*: For past 27 years at Delhi Univ.; *Mem*: Hindustani Academi (Allahabad), Nagari Pracharini Sabha; Hony. Registrar, Gurukul Vishvavidyalaya, Vrindaban; *Knows*: Hindi, Sanskrit, English & Gujarati; *Hobb*: Writing poems and essays; *Add*: A 5/3, Rana Pratap Bagh, Delhi-7.

SOHONI, Yeshawant Kashinath—Head, Dept. of Modern European Languages, Poona Univ. since 1964; *b* 19 September 1911 at Poona; *Edn*: Dip. de Civilisation Francaise in 1939 from Univ. of Paris; *Resch Exp*: In determination of basic French vocabulary for agriculture; *Pub*: Books—Suras-French Katha, Dix Contes, Petits Recits de Grands Ecrivains, besides many papers; *Exp*: Teaching for past 25 years at Fergusson College, Poona & Poona Univ.; *Mem*: Society for French Studies (UK), Association Internationale des Etudes Francaises, Hony. Genl. Secy. of Indian Association of Teachers of French; *Knows*: Marathi, English & French; *Visited*: France, USA for higher education; *Add*: Dept. of Modern European Languages, Poona Univ., Poona-4.

SOLANKY, Deep Chand — Dept. of Curriculum & Evaluation, National Institute of Education, New Delhi since March 1956; *b* 13 November 1927; *Edn*: M. A. (Hindi) in 1967 from Delhi Univ., M. Ed. in 1961 from AMU, Prabhakar in Hindi in 1951 from Panjab Univ.; *Pub*: Several research reports in general education; translated several books from English to Hindi; *Exp*: P & T Dept. 1948; Basic Teacher in Different Schools 1949-55; Govt. High School 1955-56; Scout Master 1949-56; *Knows*: English, Hindi & Urdu; *Add*: L-6, Green Park Extn., New Delhi-16.

SOMAYAJI, (Dr) Dhulipala Arka—Principal, D. N. Raju College, Bhimavaram since June 1967; *b* 2 October 1910 at Rajahmundry in Dist. E. Godavari; *Edn*: M. A. (Maths) in 1933 from Presidency College, Madras & Ph. D. (Astronomy) in 1966 from Karnatak Univ.; *Resch Exp*: In ancient Hindi astronomy; *Pub*: Khandakhadya Sahasrika Jyotir Vijnanam. Ancient Hindu Astronomy; *Honours*: Cash award of Rs. 3,000/- from U. P. Govt. on one of the books; *Exp*: Joined D. N. R. College, Bhimavaram in 1945 and Head of Maths. Dept. till 1967; *Mem*: Ex-Chairman of Board of Studies in Maths. & member of Academic Council of Andhra Univ.; *Genl*: Studied the Vedas, Astronomy, Astrology, Sanskrit poetry at early age; *Knows*: Telugu, Sanskrit & English; *Add*: D. N. R. College, Bhimavaram.

SOM NATH—Prof. & Head, Dept. of Physiology & Bio-chem., Medical College, Ajmer since November 1967; *b* 16 July 1925 at Ludhiana; *Edn*: M. Sc. (Physiology) in 1955 from S.M.S. Medical College, Jaipur; *Resch Exp*: For nearly 20 years; *Pub*: About 15 research papers; *Exp*: S.M.S. Medical College, Jaipur 1951-64; S. P. Medical College, Bikaner 1964-67; *Mem*: American Association for the Advancement of Sciences, Indian Science Congress, Association of Physiologists & Pharmacologists of India, Association of Medical Education; *Knows*: Hindi, Urdu & English; *Visited*: USA 1959-60; *Hobb*: Visiting places; *Add*: Nath Niwas; Takia Gujran, Ludhiana.

SOMVANSHI, Gulab Manikrao—Principal, Shri Shivaji College, Akot since June 1960; *b* 6 December 1918 at Malatpur in Dist. Yeotmal; *Edn*: M. A. (Pol Sc) in 1950; *Pub*: A few articles in newspapers; *Exp*: Vidarbha High School, Amravati 1940-43; Rathi Vidyalaya, Walgaon 1943-44; S.S. High School, Amravati 1944-50; S. S. High School, Nagpur & Yeotmal 1953-54; Dhanwate National College, Nagpur 1954-60; during 1950-53 worked as a Panchayat Instructor in Old Madhya Pradesh; also delivered lectures to IAS & IPS classes conducted by Maharashtra Govt.; *Mem*: Court, Academic Council, Faculty, Board of Studies of Nagpur Univ.; *Genl*: Associated with many social institutions; previously attached to late Dr. Panjabrao Deshmukh, Union Minister as P. S.; *Knows*: English, Hindi & Marathi; *Add*: Shri Shivaji College, Akot, M.S.

SONDHI, (Dr) (Mrs) Vimla — N.I.E., New Delhi since 1962; *b* 26 December 1926 at Lahore; *Edn*: B. T. in 1959 & M. Ed. in 1961 from Nagpur Univ.; Ph. D. (Educational Facilities of Housewives in Urban Areas of Panjab) from Panjab Univ.; *Resch Exp*: For 5 years in the field of education; *Pub*: The Study of Silent Reading Comprehension, Methods of Teaching Mother Tongue, Methods of Teaching Arithmatic etc.; *Exp*: Mahila Vidyalaya, Nagpur; *Mem*: Gandhi Peace Foundation; *Genl*: Giving guidance to the children of poor parents; *Knows*: Hindi, English & Gurmkhi; *Hobb*: Indian classical music, embroidery, home decoration etc.; *Add*: 2/12, West Patel Nagar, New Delhi.

SONI, (Dr) Balbir Krishna—Dean, College of Vety. Medicine, U. P. Agrl. Univ., Pantnagar since August 1964; *b* 8 April 1928 at Pilibhit, U. P.; *Edn*: M. S. (Animal Physiology) in 1952 (Smith Mundt Fellowship & Fulbright Grant) & Ph. D. in 1954 (Washington State Exchange Fellowship) from Wasnington State Univ., USA; *Resch Exp*: For 18 years in Animal Physiology, Nutrition and Reproductive Pathology; *Pub*: Author of more than 35 research papers and one laboratory manual; *Exp*: Rajasthan Vety. College, Bikaner; Head of Physiology, U. P. Agrl. Univ. since 1961; *Mem*: Sigma Xi, American Dairy Science Association, Indian Society for the Study of Reproduction, Indian Science Congress, Indian Vety. Association; Past President of Rotary Club; *Visited*: USA, UK, Canada, France & Egypt; *Knows*: English, Hindi, Urdu & Panjabi; *Add*: College of Vety. Medicine, U. P. Agrl. Univ., Pantnagar, U. P.

SONI, (Dr) Ram Narayan—Dept. of Chemistry, B. I. T. S., Pilani since November 1966; *b* 21 April 1942 at Didwana in Rajasthan; *Edn*: M. Sc. in 1963 from Birla College, Pilani & Ph. D. in 1968 from BITS, Pilani; *Pub*: Thesis on Spectrophotometric Determination of Thermodynamic Ionization constants of Organic Acids & their metallic complexes in aqueous medium; 15 research papers in Indian and foreign journals; *Exp*: Govt. College, Chittorgarh 1963; *Knows*: English & German; *Add*: Dept. of Chem., B. I. T. S., Pilani.

SOOD, (Dr) Maheshwar Singh—Principal, Narain College, Shikohabad since July 1956; *b* 2 February 1914 at Agra; *Edn*: M. Sc. (Zool) in 1937 & Ph. D. in 1946 from St. John's College, Agra; *Resch Exp*: For over 30 years; *Pub*: Books—Jantu Vigyan Shabd Kosh; Research papers more than 15; scientific Hindi articles in Vigyan Lok; *Honours*: Recipient of Vihar Rashtra Bhasha Parishad Award; *Exp*: St. John's College, Agra; Balwant Rajput College, Agra; *Mem*: Indian Zoological Society, American Zoological Society; *Knows*: Hindi, English, Urdu & German; *Genl*: An excellent player of tennis and badminton; *Add*: Narain College, Shikohabad, U. P.

SOVANI, Achyut Vyankatesh—Retired; *b* 9 March 1912 at Mathura; *Edn*: M. Ed. in 1963 from Univ. of Saugar; *Exp*: Edward High School, Ambikapur 1937-43; Headmaster, M. B. High School, Ramanujganj 1944-50; Headmaster, Ramanuj High School, Baikunthpur 1950-54; Head Master, B. R. S. High School, Mungeli 1954-55; Headmaster, Govt. Multipurpose H. S. School, Raipur 1955-56; Principal, Govt. Multipurpose H. S. School, Ambikapur 1956-59; Principal, Govt. Multi H. S. School, Hatta 1959-64; Govt. P. G. B. T. College, Dewas 1964-65; Govt. P. G. B. T. College, Khandwa 1965-68; *Knows*: English, Hindi & Marathi; *Add*: Hanskumar Barrack No. 8, Room Nos. 2 & 3, Anandnagar, Khandwa.

SREEDHARA, Bavaladi Hebbar — Vice Principal, Arts & Science College, Sirsi; *b* 5 March 1918 at Bavaladi in Dist. S. Kanara; *Edn*: M. A. (Sanskrit) in 1942 from Mysore Univ.; *Pub*: Books—The Kadambas of Barravasi, Five Collections of Poems in Kannada, four translations; two books in literary criticism, a book on General Psychology; several other books and papers; *Honours*: Awardee of 2 Gold Medals in B. A. (Hons); Devaraja Bahadur Prize for his book 'Rasayajna'; *Exp*: I. A. U. High School, Bhatkal 1943-47; Kanara College, Kumta 1951-62; joined Arts & Science College, Sirsi in 1959; 4 years editing experience at the Samyukta Karnatak Office, Hubli; *Mem*: Advisor to Sahitya Akademi, New Delhi; Kannada Sahitya Parishat, Bangalore; *Knows*: Sanskrit, English, Kannada, Hindi & Marathi; *Hobb*: Philosophy and historical research; *Add*: Arts & Science College, Sirsi, S. K. Dist.

SREEDHARAN, N.—Principal, Ayurveda College, Trivandrum since January 1967; *b* 17 February 1923 at Trivandrum; *Edn*: H. P. A. in 1958 from P. G. Training Centre in Ayurveda, Jamnagar; *Resch Exp*: For ten years; *Exp*: Ayurveda College, Trivandrum 1952-56; P. G. Training Centre, Jamnagar 1956-58; Ayurveda College, Trivandrum 1958-60; Principal, Ayurveda College, Tripunithura 1960-67; *Mem*: Board of Studies, Faculty, Senate, etc. of the Univ.; Chairman of Pharmacognosy Cttee; *Knows*: Sanskrit Hindi, Tamil, Gujarati, Malyalam & English; *Add*: 'Mitra', T. C. 25/179, Pettah, Trivandrum.

SREENIVASAN, Kollagunta Gopala — Principal, Badruka College of Commerce & Arts, Hyderabad since 1965; *b* 5 October 1924 at Hyderabad; *Edn*: M. A. (Hons) (History) from Nizam College, Hyderabad; M. A. (Econ) in 1963 from BHU; M. A. & LL. B. from Osmania Univ.; *Honours*: Recipient of Venkatasastri Prize at Nizam College; *Exp*: Secunderabad College of Arts & Science Badruka College of Commerce & Arts (Evening) 1959-65; *Mem*: Academic Council and Senate of Osmania Univ.; *Knows*: English, Telugu, Hindi, Tamil, Urdu, Sanskrit & Kannada; *Hobb*: Music; *Add*: Badruka College of Commerce & Arts, Kachiguda Station Road, Hyderabad-27.

SREERAMULU, (Dr) Tangirala — Reader in Botany, Andhra Univ. since August 1959; *b* 1 November 1925 at Avanigadda in Dist. Kistna; *Edn*: M. Sc. in 1947 from Agra College, Agra; Ph. D. (Plant Pathology) in 1956 & D. I. C. in 1956 from Imperial College, London; *Resch Exp*: For 20 years in plant pathology, aerobiology and marine algae; *Pub*: Fifty research papers; *Exp*: joined Andhra Univ. in 1947 and held different positions in Andhra Univ.; *Mem*: Linnean Society, Indian Botanical Society, Indian Phytopathological Society and member of many professional organisations; *Knows*: Telugu & English; *Visited*: UK 1954-56, France, Netherland, W. Germany & Switzerland; *Add*: Dept. of Botany, Andhra Univ., Waltair, A. P.

SRI CHANDRA, (Dr)—Reader in Psychology, Lucknow Univ. since July 1965; *b* 5 July 1914; *Edn*: M. A. (Phil) in 1937 with first class first from Lucknow Univ. & D. Litt. (A Social-Psychological Study of Senior Scientists of U. P.) from Agra Univ.; *Resch Exp*: In the concept of immediate Experience, psycho-social study of the factors underlying the research potential of Indian scientists, frustration amongst young Indian scientists, tension among youth; *Pub*: Near 30 research papers on different psychological subjects; *Exp*: Darbar College, Rewa 1938-48; Lecturer 1948-65 at Lucknow Univ.; *Mem*: Indian Psychological Association, Indian Science Congress, Indian Sociology Association, Jt. Secy. of U. P. Psychological Association; other Univ. bodies; *Add*: Dept. of Psychology, Lucknow Univ., Lucknow.

SRIDHARA, Dheram — Govt. Training College, Warangal since June 1967; *b* 1 December 1928 at Hyderabad; *Edn*: M. A. (Econ) in 1954 from Nagpur Univ.; M. A. (Phil) in 1959 & B. Ed. in 1956 from Osmania Univ.; M. Ed. in 1967 from Karnatak Univ.; *Exp*: Social Bureau of Ednl. & Vocl. Guidance; S. C. E. R. T., Hyderabad for 4 years; Govt. High & Multipurpose Schools in A. P. for 13 years; *Knows*: English, Telugu & Hindi; *Hobb*: Chess; *Add*: Govt. Training College, Warangal.

SRI NARASIMHA, M. R. — Principal, K. H. Kabbur Institute, Dharwar since July 1967; *b* 19 September 1924 at Magadi in Dist. Bangalore; *Edn:* B. E. in 1950 from B. M. S. College of Engineering, Bangalore; *Exp*: Overseer, Bombay P. W. D. 1950-51; Lecturer 1951-52, Poona Engg. College & Supdt. 1952-59 in M. E. S.; joined K. H. Kabbur Institute, Dharwar in 1959 as Lecturer, Vice-Principal & Head of Dept. in 1962; *Mem*: Institute of Engineers; *Genl*: Interested in instrumental music; *Knows*: English, Kannada, Telugu, Tamil, Marathi & Hindi; *Visited*: UK 1963; *Add*: K. H. Kabbur Institute, Dharwar.

SRINIVAS, (Dr) Mysore Narasimhachar—Prof. of Sociology, Delhi Univ., Delhi since 1959; *b* in 1916; *Edn*: M. A. (Socio) in 1939, LL. B. in 1940, Ph. D. in 1945 from Bombay Univ.; D. Phil. (Socio.-Anthro) in 1947 from Oxford Univ.; *Resch Exp*: For past 25 years; guiding many scholars; *Pub*: Books — Marriage & Family in Mysore, Religion & Society among the Coorgs of South India, Caste, Caste in Modern India & other essays, Social Change in Modern India; edited—India's Villages, Method in Social Anthropology; over 50 research papers and articles; *Exp*: Oxford Univ. 1948-51; M. S. Univ. of Baroda 1951-59; Simon Visiting Prof., Univ. of Manchester 1963; *Honours*: Rivers Memorial Medal 1955, S. C. Roy Memorial Medal 1959, Carnegie Grant 1945-47, Rockefeller Fellow 1956-57; delivered Tagore Memorial Lectures in Univ. of California in 1963; *Mem*: President, Anthropology & Arch. Section of Indian Science Congress (1957); President, Indian Sociological Society 1967; *Add:* Dept. of Sociology, Delhi School of Economics, Delhi Univ., Delhi-7.

SRINIVASA, Ramanujam — Prof. of Genetics, I. A. R. I., New Delhi-12; *b* 25 June 1925 at Palamcottah in Dist. Tinnevelly; *Edn*: Assoc. IARI in 1950 from IARI & M. S. in 1958 from Univ. of Wisconsin, USA; *Resch Exp*: Over 25 years; *Pub*: More than 50 research papers in Indian & foreign journals; *Exp*: IARI, New Delhi; *Mem*: Indian Society of Genetics & Plant Breeding, Editor of Journal of Plant Breeding & Genetics during 1961-64 and 1965; *Knows*: Tamil, English, Hindi, German & French; *Visited*: USA; *Add*: Genetics Divn., I. A. R. I., Hillside Road, New Delhi-12.

SRINIVASAN, Kadayam Subbiah—Dy. Director, Botanical Survey of India, Calcutta; *b* 20 April 1912 at Trivandrum; *Edn*: M. Sc. (Bryophytes) in 1938 from Madras Univ.; *Resch Exp*: For nearly 35 years; *Pub*: Over 100 original research papers on flora, economic botany, algology, bryophytes, phytogeography besides critical reviews; *Exp*: Madras Univ. 1934-40; Curator, Madras Govt. 1937-38 & 1940-45; Curator, Industrial Section, Indian Museum, Calcutta 1947-65; Secy., Indian Museum 1947-54; *Mem*: Indian Botanical Society, Phycological Society of India, Asiatic Society of Bengal, Museum Association of Bengal (Vice-President); *Genl*: Conducted several botanical expeditions to Himalayas, Andamans, Nicobars, Laccadives and made rich collection of botanical specimens and sea-weeds; *Knows*: Tamil, Malayalam, Sanskrit, German, English, Bengali & Hindi; *Visited*: Nepal; *Hobb*: Music; *Add*: 23, Sripuram, Tirunelveli, S. India.

SRINAVASAN, Rengachariar — Scientist & In-charge of Operational Resch., CECRI, Karaikudi since 1965; *b* 18 November 1927; *Edn*: B. Sc. (Tech) (Chem Engg) in 1949 from A. C. College of Techy., Madras; *Resch Exp*: For over 16 years in electrochemistry, electro inorganic chemistry, electrometallurgy, general management techniques of R & D activities; *Pub*: About 30 papers and articles; *Exp*: A. C. College of Technology, Madras; worked in a heavy chemical industry producing alkali & chlorine; *Genl*: Vast experience in installation of pilot plant for making superphosphate, ammonium persulphate by electrochemical methods, electrolytic recovery of zinc, lead, antimony, copper, chromium and iron powder; worked on electro-polishing and electro-deposition of aluminium; *Mem*: Jt. Secy., Society for Advancement of Electro-chemical Science & Techy. 1966-67; Treasurer, Society for the Advancement of Electro-chemical Science & Technology, 1968; Indian Institute of Chemical Engineers; *Knows*: English & Tamil; *Visited*: Canada for training in electrochemistry of molten salts; *Hobb*: Music and gardening; *Add*: 14, Muthoorani North, Karaikudi-1.

SRINIVASAN, S.—Head, Dept. of Elect. Engg., College of Engg., Madras since 1961; *b* 20 December 1920 at Vazhaikurichi in Dist. Trichy; *Edn*: M. S. (Elect Engg) in 1947 from Illinois Institute of Techy., USA & M. Sc. in 1948 from College of Engg., Madras; *Resch Exp*: Guiding research in power systems and high voltage engineering; supervisor for CSIR research projects; *Pub*: Ten papers and twelve technical articles on fascimele, transductor, impulse generator, digital computors, linear differential equation; *Exp*: Pykara Hydro Electric System for 1 year; Engg. College, Anantapur for 8 years; A. C. College of Engg. & Techy., Karaikudi for 3 years; Illinois Institute of Techy., Chicago for 1 year; Westinghouse Elect. Corporation, USA; For 15 years at College of Engg., Madras; *Mem*: IEEE (New York); Eta Kappa Nu Association (USA), Lions International; *Knows*: English & Tamil; *Visited*: USA & UK; *Add*: 19, Venkatesa Street, T. Nagar, Madras-17.

SRI PRAKASA — Retired; *b* 3 August 1890 at Banaras; *Edn*: B. A., LL. B. (Tripos) in History & Law in 1914 from Cambridge Univ.; Bar-at-Law in 1914; *Pub*: Books — Annie Besant, Role of Governors in India, Education in a Democracy, Pakistan: Birth & Early Days, Grihastha Gita, Nagarik Shastra, Hamari Antarik Gatha, Pakistan; *Honours*: Padma Vibhushan 1957; *Exp*: Central Hindu College for 2 years; Kashi Vidyapeeth for 25 years; India's High Commissioner in Pakistan; Governor of Assam, Madras, Bombay & Central Cabinet Minister; *Mem*: Nagari Pracharini Sabha, bodies of Kashi Vidyapeeth, Court of BHU; *Knows*: Hindi, English, Sanskrit & Bengali; *Visited*: UK; *Add*: Vishranti Kutir, Kutalgaon, P. O. Rajpur, Dist. Dehra Dun.

SRIRAMADAS, (Dr) Alluru—Prof. & Head, Dept. of Geology, Andhra Univ. since April 1965; *b* 2 October 1925 at Atkur in Dist. Krishna; *Edn*: M. Sc. in 1948 from Andhra Univ.; A. M. in 1954 & Ph. D. in 1955 from Harvard Univ.; *Resch Exp*: For nearly 15 years in sedimentation, mineralogy. economic and structural geology; *Pub*: 20 papers in Indian & Foreign journals; one Bulletin; *Exp*: Joined Andhra Univ. in 1947 and since then held different positions; *Mem*: Geological Society of America, Sigma Xi, Geological Mining & Metallurgical Society, Geological Society of India, Mineralogical Society, Geoscience Association; *Genl*: Officer Commanding, 3rd Madras Batallion, NCC, 1952; *Knows*: English, German, Hindi & Telugu; *Visited*: USA, UK, France & Switzerland; *Hobb*: Hiking; *Add*: Dept. of Geology, Andhra Univ., Waltair.

SRIRAMULU, V. K. — Principal, Regional School of Printing, Madras since 1958; *b* 15 July 1917 at Madras; *Edn*: L. P. T. in 1945 from Regional School of Printing, Madras & F. T. C. in 1944 from City & Guilds, London; *Pub*: On Machine Printing, Office Management & Administration; *Honours*: Recipient of a Gold Medal; *Exp*: The Madras Govt. Press; The Indian Express Co-operative Printing Press, Madras; *Genl*: Vast experience in colour printing and registration, packaging and colour cartons, suitability of paper, ink and machines for the class of work, book illustrations etc.; *Knows*: English, Tamil & Telugu; *Add*: 10, 1st Street, Jayalakshmipuram, Nungambakkam, Madras-34.

SRIVASTAVA, Anand P. — Head, Dept. of Lib. Sc., Univ. of Rajasthan since 1962; *b* April 1933 at Jaunpur; *Edn*: M. A. (Pol Sc) in 1954 from Agra Univ.; Dip. Lib. Sc. in 1955 & M. Lib. Sc. in 1960 with first class first from Delhi Univ.; *Resch Exp*: Conducted UGC project of Reading Performance in Higher Education; *Pub*: On UGC Project, The Theory of Knowledge Classification in Libraries; *Exp*: Vikram Univ. 1957-59; Univ. of Delhi 1959-62; *Mem*: Indian Library Association, Indian Adult Education Association, American Library Association; *Knows*: English & Hindi; *Visited*: USA, Canada, France, Germany, UK, Denmark, Iraq etc.; *Add*: 84/25 A, Factory Area, Fazal Ganj, Kanpur-12.

SRIVASTAVA, (Dr) Ashok Kumar—Dept. of History, Gorakhpur Univ. since August 1964; *b* 15 June 1939 at Gorakhpur; *Edn*: M. A. in 1959 & Ph. D. in 1964 from Gorakhpur Univ.; *Pub*: Books—Muslim Account of India upto 12th century, Disintegration of Hindu States, Kutub-ud-din Aibak, India as described by the Arab Travellers; papers on Aram Shah, Rise of Islam, Sack of Mathura by Sultan Mahmud of Ghazni, Indian Ornaments etc.; *Exp*: Started with Gorakhpur Univ.; *Mem*: All India History Congress, Rajasthan History Congress, U. P. Historical Society; *Knows*: English, Hindi, Urdu; *Add*: 71, Chhote Kazipur, Gorakhpur.

SRIVASTAVA, Avinash Chandra—Prof. & Head, Dept. of History, T. R. S. College, Rewa since July 1967; *b* 6 June 1929 at Rai Bareli in U. P.; *Edn*: M. A. (Modern Indian History) in 1949 from Univ. of Allahabad; *Resch Exp*: Doing research in Life & Times of Maharaja Raghuraj Singh of Rewa 1854 88 under Saugar Univ.; *Pub*: Letters of four Baghela Mutineers of Rewa, Thakur Ranmat Singh of Rewa, Ajaigarh's relations with the British during the Mutiny; *Exp*: K. P. College, Allahabad; Darbar College, Rewa; Chhatrasal Govt. College, Panna; Govt. P. G. College, Shivpuri; *Mem*: Attended several national and internationally important conferences; Member of Court of Saugar Univ. 1963-65; Academic Council 1963-64; Indian History Congress, M. P. Itihas Parishad; commissioned officer in NCC; Board of Studies & Arts Faculty of A.P. Singh Univ.; *Knows*: English & Hindi; *Hobb*: Games like billiards, tennis and badminton; *Add*: 18 B, Civil Lines, Rewa, M. P.

SRIVASTAVA, (Dr) B. P. — Prof. & Head, Dept. of Entomology, Univ. of Udaipur since January 1957; *b* 18 February 1931 at Mathura; *Edn*. M. Sc. Agri. in 1951 & D. Phil. in 1956 from Univ. of Allahabad; Post-doctoral training in 1961 from Kansas State Univ., USA; *Resch Exp*: For over 17 years; *Pub*: Numerous papers, extension bulletins and technical articles mostly on insect morphology, ecology and insect toxicology; *Exp*: Univ. of Allahabad; *Mem*: Entomological Society of India; member of many Univ. bodies; *Knows*: English, Hindi & French; *Visited*: USA; *Add*: Dept. of Entomology, Univ. of Udaipur, Jobner, Jaipur.

SRIVASATAVA, (Dr) Badri Narayan — Principal, Birla Govt. Degree College, Srinagar, (Garhwal) since August 1967; *b* 15 March 1926 at Vill. Bhadevali in Dist. Varanasi; *Edn*: M A. (Hindi) in 1950 from Allahabad Univ. & Ph. D. in 1955 from Agra Univ.; *Resch Exp*: For 20 years; guiding research; *Pub*: Books — Ramanand Sampradaya, Ayodhya Kand ki Bhumika; articles on Anand Bhasya, Madhur Upasana in Ram cult etc.; *Honours*: Awarded Rs. 600/- by U. P. Govt.; *Exp*: K. G. K. College, Moradabad 1950-51; Sri Saket Mahavidyalaya, Faizabad 1951-56; K. N. Govt. College, Gyanpur 1956-67; *Mem*: Bhartiya Hindi Parishad; *Knows*: Hindi, Marathi, Bengali, Gujarati, Urdu, Sanskrit & English; *Hobb*: Collection and reading of old books especially on Ram Bhakti; *Add*: Birla Govt. Degree College, Srinagar, (Garhwal).

SRIVASTAVA, Badri Nath—Prof. & Head, Dept. of Law, Patna Univ. since December 1963; *b* 30 September 1926 at Patna; *Edn*: M. A. (History) in 1947, M. A. (Pol Sc) in 1950, LL. M. in 1955 from Allahabad Univ. & LL. M. in 1957 from Yale Univ., USA; *Exp*: Allahabad Univ. 1950-63; also practised at High Court of Allahabad; *Mem*: Academic Council, Senate, Syndicate, Board of Studies, Moderation Board of Patna Univ.; attached with other niversities also; Dean, Patna Univ., Law Dept. for 1964-66; *Knows*: English, Hindi & Urdu; *Visited*: UK & USA; *Add*: Dept. of Law, Patna Univ., Patna.

SRIVASTAVA, (Dr) Baleshwar Nath—Asstt. Prof. in Social Work, Kashi Vidyapeeth, Varanasi since 1959; *b* 24 October 1932 at Varanasi; *Edn*: M. A. S. in 1956 from School of Social Work, Varanasi; Dip. in Guidance Psychology in 1957 from Bureau of Psychology, Allahabad & Cert. in Personnel Management in 1967 from Indian Institute of Management, Ahmedabad; *Resch Exp*: In personnel politics and practices; guiding P. G. students in research; *Exp*: M/s Serajuddin & Co., Calcutta 1957-59; Kashi Vidyapeeth; *Mem*: Jt. Secy. of Girls' High School in Varanasi; Member, Indian Council for Cultural Relations, Association of Trained Social Workers, Indian Council of Social Welfare; *Knows*: Hindi, English, Oriya & Bengali; *Hobb*: Chess; *Add*: S/2/56, Orderly Bazar, Varanasi.

SRIVASTAVA, Bhagwati Prasad — Head, Dept. of Physics, D. S. College, Aligarh since 1965; *b* 1 July 1911 at Azamgarh in U. P.; *Edn*: M. Sc. in 1935 from Allahabad Univ.; *Pub*: Books—Parmanu Shakti, Vigyan ke Chamatkar, Antariksh Yatra, Avishkar Katha, Gharelu Bijli; *Honours*: U. P. Govt. Prizes on his two books; *Exp*: Evening Christian College, Allahabad 1935-36; Kishori Raman College, Mathura 1939-43; joined D. S. College, Aligarh in 1947 and held different positions; *Mem*: NCERT, New Panel for Physics Books; *Genl*: Translated 'Light of Colour' of Minnarett & Nuclear Explosion and its Effects of Dr. D. S. Kothari; *Knows*: Hindi, Urdu, English & French; *Hobb*: Popular scientific writing; *Add*: D. S. College, Aligarh.

SRIVASTAVA, Bipin Chandra — Principal, Dhamtari Science, Arts & Commerce College, Dhamtari since 1967; *Edn*: M. A. (Pol. Sc) in 1941 from Lucknow Univ.; *Pub*: A book 'Rajya Sidhanta' prescribed for B.A. & M.A. students in a few universities; several articles; *Exp*: Chhatisgarh P. G. College, Raipur; Govt. P. G. College, Shahdol; Durga P. G. College, Raipur; *Genl*: Interested in doing social work for the uplift of humanity; *Knows*: Hindi, Urdu & English; *Hobb*: Debating and elocution; *Add*: Dhamtari Science, Arts & Commerce College, Dhamtari, M. P.

SRIVASTAVA, (Dr) Bishwambhar Nath—Actg. Director, Indian Association for the Cultivation of Science, Calcutta-32 since 1965; *b* 23 August 1905 at Bhagmalpur in Dist. Jaunpur; *Edn*: M. Sc. (Physics) in 1927 & D. Sc. in 1939 from Allahabad Univ.; *Resch Exp*: For over 40 years; guided about 20 students for Ph. D.; *Pub*: Co-author of A Treatise on Heat, Heat for Intermediate Students etc.; over 200 research papers; *Honours*: Education Minister's Gold Medal in 1950, represented Lucknow Univ. at 7th Quinquennial Congress of Commonwealth Universities at Cambridge, 1963; *Exp*: Allahabad Univ. 1929-49; Lucknow Univ. 1950-53; joined Indian Association for Cultivation of Science in 1953 as Professor and Actg. Director since 1965; *Mem*: National Institute of Sciences, Royal Physical Society, International Institute of Refrigeration (Paris); *Knows*: English, Hindi, Urdu & German; *Visited*: UK, Holland, Belgium, W. Germany, Switzerland, Italy & France; *Add*: 358, Mumfordganj, Allahabad.

SRIVASTAVA, (Dr) Gopal Ji — Reader in Zoology, Gorakhpur Univ. since January 1967; *b* 2 January 1926 at Vill. Ripara Daula Kadam in Dist. Deoria; *Edn*: M. Sc. in 1949 from Univ. of Allahabad & Ph. D. (Fish & Fishery) in 1962 from Univ. of Gorakhpur; *Resch Exp*: For nearly 15 years; *Pub*: Fishes of Eastern Uttar Pradesh and articles on other subjects; *Exp*: St. Andrew's College, Gorakhpur 1949-58; Lecturer 1958-67 and Reader since 1967 at Gorakhpur Univ.; *Mem*: National Academy of Sciences of India, Jt Secy. of Dist. Scout Association; *Knows*: Hindi & English; *Add*: Dept. of Zoology, Univ. of Gorakhpur, Gorakhpur.

SRIVASTAVA, (Dr) Hari Shankar — Prof. & Head, Dept. of History, Gorakhpur Univ. since July 1958; *b* 15 July 1923 at Gorakhpur; *Edn*: M. A. (History) in 1943 from Allahabad Univ., M. A. (Pol Sc.) & Ph. D.; *Resch Exp*: For nearly 20 years; *Pub*: Books—Humayon, History of Indian Famines 1858-1918, Constitution of Japan; over 30 articles; *Exp*: St. Andrew's College, Gorakhpur 1944-58; *Mem*: Indian Historical Records Commission, Secy. of Theosophical Lodge (Gorakhpur) and member of its U. P. Federation; *Knows*: English, Hindi, Urdu & Persian; *Sports*: President of Athletic Association of the Univ.; *Add*: Kasia Road, Civil Lines, Gorakhpur.

SRIVASTAVA, (Dr) Jagdish Prasad — Dept. of Hindi, Allahabad Univ. since August 1958; *b* 10 October 1929 at Allahabad; *Edn*: M. A. (Hindi) in 1950 & Ph. D. (Hindi) in 1957 from Allahabad Univ.; *Resch Exp*: In studies in Dingal literature; *Pub*: Dingal Sahitya, Bihari-kavi aur Kavya, Hindi Sahitya ka Itihas, Padmavat, Aparna, Kamayani Dipika and several other books and many papers; *Honours*: U. P. Govt. Award in 1962; *Exp*: D. A. V. College, Kanpur for one year; *Mem*: Several teachers' and students' forums; *Knows*: Hindi, English, Sanskrit, Urdu, Bengali, Tamil & Telugu; *Hobb*: Drama and indoor games; *Add*: 214, Shahrarabagh, Allahabad-3.

SRIVASTAVA, (Dr) Jagdish Sahai—Dept. of Philosophy, Gorakhpur Univ. since July 1960; *b* 1 September 1931 at Mirzapur; *Edn*: M. A. (Phil) in 1956 from BHU & Ph. D. (Types of Empiricism in Philosophy — Eastern & Western); *Pub*: a book on 'Greek Darshan ka Vaigyanik Itihas' and papers on nature of sense data, basic propositions etc.; *Exp*: BHU 1958-60; *Knows*: Hindi, English & Urdu; *Add*: Dept. of Philosophy, Gorakhpur Univ.; Gorakhpur.

SRIVASTAVA, (Dr) Jagmohan Ram — Prof. & Head, Dept. of Pediatrics, G. S. V. M. Medical College, Kanpur since 1962; *b* 28 August 1927 at Mhow, M. P.; *Edn*: M. D. in 1954 from G. R. Medical College, Gwalior; DCH in 1960. DCH (Eng) in 1961 & MRCP in 1962; *Resch Exp*: For past 10 years in Pediatrics; *Pub*: About 25 papers on various problems of infancy and childhood; *Exp*: G. R. Medical College, Gwalior 1954-57; Reader 1957-62 and Prof. since 1962 at G. S. V. M. Medical College, Kanpur; *Mem*: Indian Academy of Pediatrics, Indian Medical Association; external examiner for Agra, Nagpur, Bihar & Patna Univ.; *Knows*: Hindi & English; *Visited*: UK; *Add*: G. S. V. M. Medical College, Children's Hospital, Kanpur-2.

SRIVASTAVA, (Dr) Khushhalilal—Principal, Govt. P. G. College, Sehore since 1968; *b* 22 August 1917 in Madhya Pradesh; *Edn*: M. A. (History) in 1940, M. A. (Pol Sc) in 1944 & Ph. D. in 1948 from Agra Univ.; *Resch Exp*: For past 20 years; *Pub*: A book 'The Revolt of 1857 in Central India — Malwa' and many papers; *Honours*: Awardee of Watumull Foundation Scholarship for studies in USA; *Exp*: Holkar College, Indore; Christian College, Indore; Birla College, Pilani; Govt. Hamidia College, Bhopal; Govt. College, Dewas; Govt. College, Dhar; Govt. College, Dewas; *Mem*: Dean, Faculty of Arts; member of Syndicate and other bodies of Vikram Univ; Indian History Congress, Indian Political Science Association; *Knows*: English & Hindi; *Visited*: Netherlands, France, UK & Italy to attend UNESCO Seminar on Human Rights as a member of Govt. of India Delegation; *Hobb*: Travel and research; *Add*: c/o Mrs. Sita Rani Srivastava, 149/150 Adil Mansion, Ground Floor, Street No. 6, Parsi Mohola, Indore.

SRIVASTAVA, (Dr) Kripal Nath—Principal, Govt. P. G. Raza College, Rampur; *b* 15 January 1915 at Ghazipur; *Edn*: M. A. (Econ) in 1938 with first class first from Agra Univ. & D. Litt. (Econ) in 1950 from BHU; *Resch Exp*: Produced several Ph. D. s and D. Litt.; *Pub*: Industrial Peace & Labour in India, Elementary Principles of Economics, Labour and our Economic Crises, Nationalisation of Industries (Why & How), Economic significance of the teachings of the Gita; *Exp*: BHU 1938-52; D. S. B. Govt. College, Nainital & K. N. Govt. College, Gyanpur; *Mem*: Board of Studies, Faculty, Senate & Executive Council of Agra Univ.; previously connected with many Universities; Indian Economic Association, Indian Society of Agrl. Economics, Indian Society of Labour Economics; *Knows*: English, Hindi & Urdu; *Hobb*: Hindi drama and social work; *Add*: 64 A, Ravindrapur, Varanasi-5. or Govt. P.G. Raza College, Rampur.

SRIVASTAVA, Lakshman Saran—Reader in App. Geology, School of Research & Training in Earthquake Engg., Roorkee Univ. since September 1964; *b* 17 January 1933 at Lucknow; *Edn:* M. Tech. in 1957 from I. I. T., Kanpur & M. S. (Soil Mechanics) in 1961 from California Institute of Techy., USA; *Resch Exp:* For over 10 years; *Pub:* Nearly 20 articles on subjects like Gango-Brahamputra Region, Badgam Earthquake of 1963, Seismicity of Indo-Gangetic plains, Koyna Earthquakes etc.; *Exp:* Railway Testing & Research Centre, Lucknow 1957-58; Roorkee Univ. 1958-61; *Mem:* Committee of I. S. I.; Indian Society of Soil Mechanics & Foundation Engg.; several Univ. bodies; *Knows:* English, Hindi & Urdu; *Visited:* USA; *Add:* 7, Khyaliganj, Lucknow.

SRIVASTAVA, (Dr) Nrijesh Kumar — Dept. of Zoology, Saugar Univ. since November 1960; *b* 8 January 1936 at Kanpur; *Edn:* M. Sc. in 1956 & D. Phil. in 1960 from Allahabad Univ.; *Resch Exp:* For over 13 years; *Pub:* About 15 research papers in journals of repute; *Exp:* Started with Saugar Univ.; *Mem:* Entomological Society of India, Academy of Zoology; *Knows:* Hindi, English & German; *Hobb:* Photography and games; *Add:* Dept. of Zoology, Saugar Univ., Sagar, M. P.

SRIVASTAVA, (Dr) Rajendra Nath—Dept. of Sociology, R. S. Univ. since 1965; *b* 17 December 1930 at Lucknow; *Edn:* M. A. (Econ Sociology) in 1951 from Lucknow Univ., Ph. D. (Sociology) in 1960 winning C. B. Agarwala Gold Medal from Agra Univ.; *Resch Exp:* For nearly 18 years; *Pub:* Over 30 papers on subjects like methodological issues, institutional resistance to Islamization; *Exp:* Institute of Social Sciences, Agra for 6 years; P. G. Dept., V. B. R. I., Udaipur for 3 years; *Mem:* Indian Sociological Conference, Indian Sociological Society; *Knows:* English, Hindi, Urdu & Sanskrit; *Add:* Dept. of Sociology, R. S. Univ., Raipur.

SRIVASTAVA, (Dr) Ram Sharan Lall — Assoct. Prof. of Maths., I. I. T., Kanpur since 1965; *b* 23 September 1925 at Kanpur; *Edn:* M. Sc. (Maths) in 1945 & Ph. D. (Maths) from Lucknow Univ.; *Resch Exp:* For nearly 25 years; *Pub:* About 30 research papers mostly in foreign journals; *Exp:* Lucknow Christian College for 16 years; joined I. I. T., Kanpur in 1961; *Mem:* Indian Mathematical Society, Bharat Ganit Parishad, Kanpur Mathematical Society; *Genl:* Reviewer for mathematical publications in foreign magazines; *Knows:* Hindi, English & German; *Hobb:* Astrology; *Add:* Dept. of Maths., I. I. T., Kanpur.

SRIVASTAVA, (Dr) Mrs. Saroj—Co-ordinator, Extension Services Dept., Dev Samaj College for Women, Ferozepur since 1957; *b* 19 June 1931 at Allahabad; *Edn:* M. Ed. in 1953 from Allahabad Univ., M. A. (Psy) in 1954 from Panjab Univ. & Ph. D. (Edn) in 1966 from S. P. Univ.; *Resch Exp:* In growth and organisation of in service Education in India and its impact on secondary schools; *Pub:* Numerous journals on secondary education; *Exp:* Started with Dev Smaj College for Women, Ferozepur; All India Association of Teacher Educators, NCERT; *Genl:* Deeply interested in teacher education, in-service education and educational inventions; attended a large number of seminars; *Knows:* Hindi, English & Sanskrit; *Visited:* USA 1969; *Add:* Dev Samaj College for Women, Ferozepur.

SRIVASTAVA, (Dr) Shiva Narain Lal—Principal, D. A. V. Degree College, Azamgarh since 1962; *b* 16 October 1913 at Vill. Kohana, Dist. Mirzapur; *Edn:* M. A. (Hindi) in 1939, LL. B. in 1938, B. T. in 1941 & Ph. D. in 1962 from BHU; *Resch Exp:* For 15 years in the development of Hindi novel literature; *Pub:* Hindi-Upanayas, Kavita ki Shiksha, Prem Chand aur Godan and others; *Honours:* Awarded Rs. 400/- by U. P. Govt.; *Exp:* Principal, Hindi Vidyapeeth, Deoghar; Head, Hindi Dept. in Tilak Dhari College, Jaunpur; *Mem:* Faculty of Arts in Agra Univ.; Faculty of Arts, Academic Council & Court of Gorakhpur Univ.; *Knows:* English & Hindi; *Add:* D. A. V. College, Azamgarh, U. P.

SRIVASTAVA, (Dr) Shyama Charan—Retired; *b* 9 August 1911 at Bara Banki in U. P.; *Edn*: M. Sc. (Zoology) in 1935 first class first from St. John's College, Agra; Ph. D. (Embryology) in 1948 from Victoria College, Gwalior; *Resch Exp*: For 25 years in embryology; *Pub*: A few papers; *Honours*: First class first at B. Sc. winning Gold Medal from Agra Univ.; *Exp*: Victoria College, Gwalior 1935-60; T R. S. College, Rewa 1960-62; Motilal Vigyan Mahavidyalaya, Bhopal 1962-63; Govt. Science College, Gwalior 1963-68; *Mem*: Indian Science Congress, Zoological Society of India (Bengal), Journal of Mammology (USA); *Genl*: Translated the book 'General Zoology' by Storer & Usinger; *Knows*: English, Hindi & Urdu; *Hobb*: astrology; *Add*: Gita Colony, Lashkar, Gwalior.

SRIVASTAVA, Shyam Nath—Dept. of Library Science, Rajasthan Univ. since 1961; *b* 1 August 1926; *Edn*: M. S. L. S. (Atlanta, USA); *Pub*: Books—Pustakalya Sangathan Evam Sanchalan, Pustakalaya Sangathan: Vyavahrik Karya Padhati; several brochures and articles; organised a large number of seminars, workshops and courses; *Exp*: Vidya Bhawan Teachers College, Udaipur 1952-55; AMU 1956-60; *Mem*: International Library Science Honour Fraternity, Indian Library Association, Ex. Secy. of Rajasthan Library Association (Ex-President for Jaipur Unit); *Visited*: USA, UK and other European countries; *Add*: L 3/C, Univ. Campus, Rajasthan Univ., Jaipur.

SRIVASTAVA, (Dr) Sita — Head, Pol. Sc. Dept., Women's College, BHU; *b* 2 February 1924 at Allahabad; *Edn*: M. A. (Pol Sc) in 1945 with first class first winning Gold Medal & Ph. D. in 1965 (On Rajya Sabha) from BHU; *Pub*: Several papers on separation of the Executive and the Judiciary in India, Administrative Set-up of the Dept. of Civil Supplies in India, The Jan Sangh Party and the 4th General Election in U. P. etc.; *Exp*: since 1949 at BHU; *Mem*: Founder member of Society for State Govts.; member of Faculty & Board of Studies of BHU; *Knows*: Hindi & English; *Hobb*: Drawing, painting and sculpture; *Add*: 1, New Ladies Colony, B. H. U., Varanasi.

SRIVASTAVA, (Dr) Siya Ram — Dept. of Maths., Vikram Univ. since September 1966; *b* 29 June 1928 at Madapur in Dist. Lucknow; *Edn*: M. Sc. (Maths) in 1951 from Lucknow Univ. & Ph. D. (Stats) in 1960 from Purdue Univ., USA; *Resch Exp*: For 10 years; guided research work in India and Canada; *Pub*: Books—Introduction to Probability & Statistics, A Text Book of Probability & Statistics; 20 papers in Indian & foreign journals; *Exp*: Lucknow Univ. 1951-56; Purdue Univ. 1957-60; Lucknow Univ. 1960-62; Vikram Univ. 1962-64; Laval Univ. 1964-66; Iowa State Univ. 1965 & '66; *Mem*: Fellow of Royal Statistical Society (London); *Knows*: Hindi, Urdu, English & French; *Visited*: USA, Canada; *Add*: Dept. of Maths., Vikram Univ., Ujjain.

SRIVASTAVA, Suraj Narayan—Principal, Jialal Institute of Education, Ajmer since 1963; *b* 8 August 1907 at Alwar in Rajasthan; *Edn*: M. Sc. (Chem) in 1933 from Allahabad Univ., B. T. in 1934 from BHU, T. Dip. in 1935 & B. Ed. in 1936 from Edinburgh Univ., M. A. (Phil) in 1957 from Agra Univ.; *Resch Exp*: In Intelligence and academic achievement of Secondary School students; *Pub*: Book of 'Educational Psychology' besides many articles and papers; *Exp*: Principal, C. T. College, Bikaner 1950-53; Professor, B. T. College, Ajmer 1943-47; Prof., B. Ed. College, Ajmer 1957-62; *Knows*: English & Hindi; *Visited*: UK, Scotland, Germany, France, Holland & Italy; *Add*: 24, Mehta House, Arya Nagar, Ajmer.

SRIVASTAVA, (Dr) Suraj Narain — Prof. & Head, Dept. of Chemistry, Agra College, Agra since March 1963; *b* 22 November 1929 at Barabanki in U. P.; *Edn*: M. Sc. (Chem) in 1954 & Ph. D. in 1957 from Lucknow Univ.; Ph. D. (Role of Macromolecules in emulsion stability) in 1963 from Cambridge Univ. & F. R. I. C. in 1964 from Royal Institute, London; *Resch Exp*: Guiding about 15 research workers; *Pub*: Books — Physical Chemistry, Organic Chemistry, Inorganic Chemistry, Rasayan Shastra, Karbanic Rasayan, Prayogatmac Rasayan, Saral Rasayan Shastra, Samanya Vigyan; Over 65 research papers and work reports; some papers included in standard foreign publications; *Exp*: Research Astt. 1954-56 & Lecturer 1956-57 at Lucknow Univ.; St. John's College, Agra 1957-60; Cambridge Univ.

1950-63; *Mem*: Indian Chemical Society, National Academy of Sciences, Royal Institute of Chemistry (London); *Knows*: English, Hindi, Urdu & German; *Add*: 1, Mahatma Gandhi Road, Agra.

SRIVASTAVA, Sushil Kumar — Principal, C. M. Degree College, Maharajpur in Dist. Chhatarpur; *b* 2 January 1928 at Vill. Mau in Dist. Banda; *Edn*: M. A. (Hindi) in 1959 from Agra Univ. & M. A. S (App Sociology) in 1950 from Shri Kashi Vidyapith, Banaras; *Exp*: Education Dept. of M. P. Govt. (As assistant teacher, Headmaster & Lecturer); *Mem*: A few social and educational forums; *Genl*: Resigned from Govt. service and went over to Sri Aurobindo Ashram, Pondicherry to lead a spiritual life; returned in 1964; *Knows*: Hindi & English; *Hobb*: Reading religious and spiritual books; *Add*: C. M. Degree College, Maharajpur, Dist. Chhatarpur.

SRIVASTAVA, Tribhuwan Nath—President, Forest Research Institute & College, Dehra Dun since January 1965; *b* 26 October 1914 at Sitapur in U. P.; *Edn*: M. Sc. (Bot) in 1936 from Univ. of Lucknow; A. I. F. C. in 1940 from Indian Forest College, Dehra Dun; Training from Commonwealth Forestry Institute, Oxford Univ.; *Resch Exp*: In Bryophytes for one year; *Pub*: Several publications on Forestry and allied subjects; *Exp*: Director of Forest Education, Forest Research Institute & Colleges, Dehra Dun 1960-64; selected for Indian Forest Service in 1966; *Mem*: Forestry Bureaux of Commonwealth Agrl. Bureaux, Indian Standard Institution, ICAR, Central Board on Railway Research, National Building Council, Central Board of Forestry, many other organisations; *Knows*: English, Hindi, Urdu & French; *Visited*: UK, France, Switzerland & Belgium; Spain, W. Germany for further studies and to attend conferences; *Hobb*: Shooting and photography; *Add*: F. R. I. & Colleges, New Forest, Dehra Dun.

SUBAIMA, (Dr) (Miss) G. V.—Principal, College of Home Science, Hyderabad since July 1962; *b* 23 September 1916 at Tallapudi in Dist. W. Godavari; *Edn*: M. S. (Foods & Nutrition) in 1958 & Ph. D in 1961 from Univ. of Wisconsin, USA; *Resch Exp*: For 10 years in subsidiary foods, home economics, extension education and administration etc.; *Pub*: A few articles and recipes; *Honours*: Recipient of several prizes both in school and college; *Exp*: Lady Irwin College, New Delhi 1947-51; Shri Chandship Shala, Jaipur 1951-52; Savithri Girls College, Ajmer 1952; Domestic Science Training College, Hyderabad, 1952-55; Vocational Institute, Hyderabad 1955-57; joined College of Home Science, Hyderabad in 1961; *Mem*: Home Science Association of India (Vice-President), Nutrition Association; member of several Univ. bodies; *Knows*: Telugu, Hindi & English; *Visited*: USA, Canada, UK, France & Switzerland; *Hobb*: Painting, portrait drawing, arts and crafts, needle work and embroidery; *Add*: H. No. 6-1-52, Saifabad, Hyderabad-4.

SUBBA RAO, (Dr) B. R. — Head, Section of Parasitology, I.A.R.I., New Delhi-12 since 1962; *b* 25 August 192[illegible] at Mysore; *Edn*: Assoc. IARI (Entomology) in 1950 from IARI, New Delhi & Ph. D. from Mysore Univ.; *Resch Exp*: For 20 years in biological control of insect pests and taxonomy of chalcidiodea (Hymenoptera); *Pub*: Over 100 research papers in Indian and foreign journals; *Exp*: Central College of Agri., Bangalore; *Mem*: Indian Academy of Science, Entomological Society of India; *Knows*: English, Hindi & Kannada; *Visited*: UK, USA & Japan; *Hobb*: Music; *Add*: Parasitology Section, Entomology Dn., I.A.R.I., Hillside Road, New Delhi-12.

SUBBA RAO, (Dr) N. V. — Dept. of Chemistry, Osmania Univ., Hyderabad; *b* 8 November 1916; *Edn*: D. Sc. (Leguminous Plant Insecticides) in 1946 from Andhra Univ. & Ph D. in 1949 (Insecticides) from London Univ.; *Resch Exp*: For past 30 years in natural products and synthesis of physiologically active compounds; several students obtained Ph. D. under his guidance; *Pub*: Over 100 research papers in Indian and foreign journals; *Exp*: Andhra Univ.; joined Osmania Univ. as Head of Dept. in 1952 and Dean of Science Faculty since 1961; *Mem*: Royal Institute of Chemistry, Royal Chemical Society, Indian Chemical Society, Indian Academy of Sciences, National Institute of Sciences, American Chemical Society; visited abroad several times to participate in discussions; *Visited*: UK, USA, USSR, Japan and other countries; *Add*: Dept. of Chemistry, Osmania Univ., Hyderabad.

SUBBUSUNDARAM, P. — Dept. of English, Govt. Training College, Warangal since August 1967; *b* 27 May 1927 at Veerannakanupur in Dist. Nellore; *Edn*: M.A. (English) in 1952 from Presidency College, Madras; M. Ed. in 1949 from Training College, Madras; Dip. in 1963 from Central Institute of Education, Hyderabad & Dip. T.E.F.L. in 1965 from London Institute of Education. London; *Resch Exp*: Working for doctorate; *Honours*: Awarded Sir Tekumaka Rajagopal Rao Prize in 1946-47 & Sir Mark Hunter Prize 1951; *Exp*: Kadari High School, Madras; V.R.S. College, Chirala 1952-54; Govt. Colleges, A.P. 1954-55; Govt. Training Colleges, A. P. 1955-60, 60-67; *Visited*: UK; *Knows*: Telugu, English; *Add*: Govt. Training College, Warangal, A.P.

SUBHAN, (Dr) Abdus—Dept. of Arabic & Persian, Maulana Azad College, Calcutta since 1960; *b* 2 December 1936 at Calcutta; *Edn*: M.A. (Persian) in 1956 with first class first, M.A. (Arabic) in 1958 with 2nd class first, M.A. (Urdu) in 1962 with 2nd class first & D. Phil. in 1964 from Calcutta Univ.; *Resch Exp*: For past over 10 years; guiding numerous research workers; *Pub*: Tarikhi-i-Sangalia-i-Mahabatajangi etc.; *Honours*: Calcutta Univ. Gold Medal, Zainal Abedin Gold Medal; *Exp*: Calcutta Univ.; *Mem*: Jt. Philological Secy., Asiatic Society; Member, Institute of Historical Studies, All India Oriental Congress, All India Islamic Studies; *Knows*: Arabic, Persian, English, Bengali, Urdu, Hindi & German; *Hobb:* Gardening; *Add*: 11, Komedan Bagan Lane, Calcutta-16.

SUBRAMANIAN, (Dr) S.V.—Head, Dept. of Tamil, Kerala Univ. since October 1966; *b* 5 June 1929 at Virakeralanputhur in Dist. Tirunelveli; *Edn*: M.A. (Tamil) in 1954 from Annamalai Univ. & Ph. D. (Descriptive Grammer of Cilappatikaaram) in 1962 from Kerala Univ.; *Resch Exp*: In traditional grammers, compilation of phonology, morphology; *Pub*: Books-Ilakkiya Ninaivukal, Cillappatikaaram-Venchikkaandam, Ilakkamattokai besides a few papers; *Exp*: V.O.C. College, Tuticorin; St. Xaviers' College, Palayamkottai; Univ. College, Trivandrum; Univ. Inter College, Trivandrum: *Mem*: Board of Studies, Faculty, Text Book Cttee of the Univ.; member of International Association of Tamil Research; *Knows*: Tamil, Malyalam & English; *Hobb*: Music; *Add*: T.C. 20/179, Kanthariammankoil Street, Trivandrum.

SUBRAMANYAM, (Dr) Krishnaier—Director, Botanical Survey of India, Calcutta since 1964; *b* 1 November 1915 at Bangalore; *Edn*: M. Sc. (Botany) in 1940 & D. Sc. in 1951 from Central College, Bangalore; Ph. D. in 1955 from Cornell Univ., USA; *Resch Exp*: For nearly 30 years; *Pub*: 80 articles in Indian and foreign journals; *Exp*: Central College, Bangalore for 16 years; joined Botanical Survey of India 13 years back; *Mem*: Indian Academy of Sciences, Indian Botanical Society, American Botanical Society, Indian Science Congress, International Association for Plant Taxonomy, International Society of Plant Morphologists; *Genl*: Undergone musketry training; *Knows*: English, Tamil, Kannada, Hindi & French; *Visited*: USA 1953-55; *Hobb*: Philately, photography etc.; *Add*: Botanical Survey of India, 14, Madan Street, Calcutta-13.

SUBRAMANYAN, Narayanaswami—Scientist, CECRI, Karaikudi since 1953; *b* 9 May 1920 at Palamarneri in Dist. Thanjavur; *Edn*: M. Sc. (Chem) in 1942 from BHU; *Resch Exp*: In isolation of amino-acids, manufacture of potassium chlorate, corrosion etc.; *Pub*: Patents filed for anti-corrosion packaging, corrosion prevention etc.; nearly 30 papers in Indian and foreign journals; *Genl*: Diploma from Battersea College of Techy., London for research in Electro-chemistry; *Exp*: For 5 years in Mettur Chemical & Industrial Corpn. Ltd., Mettur Dam; *Mem*: Society for the Advancement of Electrochemical Science and Technology, Association of Scientific Workers of India (President of Karaikudi Branch 1968); *Knows:* Tamil & English; *Visited*: UK for research in anti-corrosion techniques; *Add*: 4, Seventh Street, Subramaniapuram, Karaikudi-2

SUBRAMONEY, (Dr) N.—Prof. & Head of Agrl. Chem., Agrl. College & Resch. Institute, Vellayani since 1963; *b* 22 January 1921 at Trivandrum; *Edn:* M. Sc. (Agrl Chem) in 1947, B.T. in 1943 & Ph. D. (Soil Microbiology) in 1958; *Resch Exp*: For nearly 25 years; *Pub*: About 15 articles on phosphate deposits of Laccadive Islands, our food front etc.; *Exp*: Started with Agrl. College & Resch. Institute; *Mem*: Board of Studies in Kerala & Annamalai Univ; active member of Bharat Sewak Samaj, Gndhi Smarak Nidhi; *Knows*: English, Malayalam & Tamil; *Visited*: USA, Canada, UK; *Hobb*: Gardening; *Add*: Agrl. College & Resch. Institute, Vellayani, Kerala.

SUDHISH CHANDRA, (Dr)—Dept. of Bio-chem. & Bio-Physics, College of Medical Sciences, BHU since 1966; *b* 4 Nov. 1941 at Lucknow; *Edn*: M. Sc. in 1960 & Ph. D. in 1964 from Lucknow Univ.; *Pub*: Five papers; *Exp*: Shia Degree College, Lucknow; Lucknow Univ.; *Knows*: Hindi, English & French; *Genl*: Ex-Captain, Tilak Hall, Lucknow Univ. Cricket Team; *Add*: Dept. of Bio-chem. & Bio-Physics, College of Medical Sciences, BHU, Varanasi-5.

SUKHTA, (Mrs.) S. P.—Principal, Women's Training College, Dayalbagh, Agra since 1947; *b* 7 December 1911 at Gurdaspur; *Edn:* Teachers' Diploma in 1936 from London Univ., Dip. in School Hygiene in 1936 from Institute of Hygiene, Dip. in P. T. in 1936 from Ministry of Education, UK & M. A. (Maths) in 1942 from Agra Univ.; *Resch Exp*: Guiding candidates for Ph. D. & M. Ed. degrees for past 10 years; *Pub*: Books—Elements of Educational Research, Shaikshik Prashasan tatha Sangathan; *Exp*: Sr. Lecturer & Vice. Principal, Girls' Inter College, Agra 1933-35 & 1936-47; *Mem*: Board of Studies in a few Universities; All India Association of Training Colleges; *Visited*: UK (1936 & 1962), Sweden; *Knows*: Hindi & English; *Hobb*: Nursery education; *Add*: c/o. M/S. Vinod Pustak Mandir, Agra-2.

SUMAN, (Dr) Shiva Mangal Singh — Vice Chancellor, Vikram Univ. since July 1968; *b* 16 August 1916 at Jhagarpur in Dist. Unnao; *Edn*: M. A. (Hindi) in 1940 & D. Litt. in 1950 from BHU; *Resch Exp*: For over 10 years; *Pub*: Books—Hillol, Jiwan ke Gan, Pralay Srijan, Vishwas Badhtahi Gaya, Par Ankhen Nahin Bharin, Vindhya-Himalaya, Mitti ki Barat, Prakriti Puruntra Kalidas, Essays, Mahadevi Varma ki Kavya-Sadhna; several articles; *Honours*: Dev Puruskar; *Exp*: Victoria College, Gwalior; Madhava College, Ujjain for 12 years; Holkar College, Indore for 2 years; *Mem*: Faculty, Academic Council, Senate & Syndicate of Vikram Univ.; Chairman of Board of Studies in Hindi, Dean of Faculty of Arts; member of many staff selection Cttees, welfare cttees, UGC, Advisory Cttee of AIR and others; Genl. Council of Sahitya Akademi; President of M. B. Hindi Sahitya Samiti; member of Govt. Cultural Delegation to Nairobi & Mauritius in 1967; *Genl*: Cultural Attache to Indian Embassy in Nepal for 5 years; *Knows*: English, Hindi, Bengali, Nepali & Marathi; *Hobb*: Hiking; *Add*: Vikram Univ., Ujjain.

SUNDARSINGH, (Dr) John D. K. — Principal, Scott Christian College, Nagercoil since May 1966; *b* 3 December 1922 at Nagercoil in S. India; *Edn*: M. A. (History) in 1944 from Univ. College, Trivandrum; M. A. (Edn) in 1956 from Columbia Univ., USA; Dip. in Economics in Action in 1957 from Case Institute of Technology, USA; M. A. (Economics) in 1958 & Ph. D. in 1960 from Univ. of Massachusetts, USA; *Resch Exp*: For ten years; *Pub*: On Community Development in the Five Year Plans, Agriculture & Village Development, Agro-Industries; *Exp*: Christian College, Martandam for 2 years; Univ. of Massachussetts for 3 years; for past 18 years at Scott Christian College; *Mem*: Phi Kappa Phi (USA); *Knows*: English, Tamil and French; *Visited*: USA, UK, France, W. Germany, Switzerland etc. for higher training; *Add*: Scott Christian College, Nagercoil, S. I.

SUNDARA RAO, (Dr) W.V.B.—Head, Divn. of Microbiology, IARI since 1962; *b* 14 September 1910 at Masulipatam in Dist. Kistna; *Edn*: M. Sc. (Chem) in 1936 from Andhra Univ.; Assoc. IARI in 1939 from IARI, New Delhi & Ph. D. (Microbiology) in 1944 from Bombay Univ.; *Resch Exp*: For over 30 years in soil microbiology; *Pub*: More than 50 research papers; *Exp*: IARI, New Delhi; *Mem*: Association of Microbiologists of India, Indian Science Congress; *Knows*: Telugu, English, Hindi & German; *Visited*: UK & USSR; *Hobb*: Chess; *Add*: Divn. of Microbiology, IARI, Hillside Road, New Delhi-12.

SUNKAPUR, (Dr) Maribasappa Sanabasappa—Dept. of Kannada, Karnatak Univ. since 1959; *b* 10 January 1921 at Mulgund in Dist. Dharwar; *Edn*: M. A. in 1948 from Lingaraj College, Belgaum & Ph. D. (Humour in Kannada) in 1957 from Karnatak Univ.; *Resch Exp*: Guiding the research project of Vachana Scheme on behalf of UGC; *Pub*: A number of papers including Nage Hoge, Namma Natakagalu, Gapchip & Tale Harategalu; edited ten classical works in Kannada literature; a great number of research articles; *Exp*: Lingaraj College, Belgaum 3 years; Basaveshwar College, Bagalkot for 7 years; *Mem*: Several Univ. and educational bodies; member of Bhandarkar Research Institute; *Knows*: English, Kannada, Marathi, Hindi & German; *Visited*: USA, UK, Germany, Italy, France etc.; *Hobb*: Coins collecting; *Add*: Dept. of Kannada, Karnatak Univ., Dharwar.

SUR, (Dr) Anand Mohan — Head, Dept. of Pediatrics, Medical College, Nagpur since 1961; *b* 17 October 1929 at Raipur; *Edn*: DCH in 1960 from Hospital for Sick Children, London & MRCP in 1960 from Western General Hospital, Edinburgh; *Resch Exp*: For 15 years; *Pub*: Papers on spleenic venography, extra hepatic portal obstruction in children, scurvy, vitamin C deficiency, antideuretic factor, morbidity, kerosene oil poisoning etc.; *Honours*: Commonwealth Medical Award in 1968 by UK Govt.; *Exp*: Joined Medical College, Nagpur in 1955; *Mem*: Indian Academy of Pediatrics Executive Cttee in 1968; *Knows*: English, Hindi, Bengali & Marathi; *Visited*: UK for higher training; *Add*: Dept. of Pediatrics, Medical College, Nagpur.

SURI, M. M. — Former Director of Central Mech. Engg. Resch. Institute, Durgapur; *b* 13 January 1928; *Edn*: Graduated from Govt. College, Lahore in 1945 (at the age of 17 years); *Exp*: Production Engineer, 1950, Jamalpur Rly. Workshop, later as Asstt. Works Manager; Astt. Mech. Engr., Howrah Dn. 1952-54; High Commission of India in London; also stayed at Germany, Switzerland, Austria, Belgium, Sweden & France; applied for Suri-Transmission and its various improvements are covered by appx. 36 patents applications in 11 major countries of the world; 25 Nos. of 800 H. P. narrow-gauge Suri-Transmission locomotives working on Indian Railways (1954-57); In 1958 posted as Dy. Director (Diesels) in Indian Railways Research Designs & Standards Organisation; in 1961 as Jt. Director (Diesels); in 1964 as Director, C.M.E.R.I., Durgapur; resigned in 1968 due to differences with higher authorities; *Mem*: Institution of Mech. Engineers (London), Institution of Locomotive Engineers, Institution of Engineers (India); Director on Board of National Research Development Corpn. of India; associated with Planning Commission for Heavy Engg. Industries in IV Plan; associated with numerous large industrial organisations; *Honours*: Awarded Padmashri in 1961; S. S. Bhatanagar Award in 1962; Sir Walter Puckey Prize in 1965; *Add*: 31, Willow Bank, The Mall, Simla-1.

SURI, S. K. — Head of Instrumentation, National Physical Lab., New Delhi since 1963; *b* 24 March 1927 at Lahore; *Edn*: M.Sc. (Physics) in 1949 from Panjab Univ., M. S. (Nuclear Physics) in 1956 from Indian Univ.; Graduateship in 1952 from Institute of Electronics & Radio-Engg., London; *Resch Exp*: In nuclear decay schemes, nuclear instrumentation and general instrumentation; *Pub*: Several articles on subjects like Decay Scheme of Scandium 47, Energy Levels in Gallium 69, Instrument Servicing, designing and building of instruments; *Exp*: N. P. L.; Indiana Univ.; Central Instruments Orgn., New Delhi; *Mem*: Institution of Electronic & Radio Engineers (UK) (and its Local Secy.); Institution of Tele-communication Engineers; *Knows*: English & German; *Visited*: USA; *Add*: 7/22, Roop Nagar, Delhi-7.

SURINDER KUMAR—Head, Dept. of Philosophy, D. A. V. College, Amritsar since 1961; *b* 6 April 1937 at Gujranwala in W. Pakistan; *Edn*: M. A. (Phil) in 1961 with first class first winning Univ Gold Medal & M. A. (English) in 1966 from Panjab Univ.; *Pub*: Text Books of Deductive Logic, Inductive Logic, Psychology, Ethics, Logic, College Essays, Elementary Philosophy, numerous papers in Indian and foreign journals; *Exp*: Started with D A. V. College; *Mem*: American Humanist Association; Lt. in NCC Infantry; *Knows*: English, Hindi, Urdu, Panjabi, Sanskrit & Persian; *Add*: 531, Nainsukh Street, Katra Parja, Amritsar.

SURYANARAYNA, (Dr) Chittari Venkata—Head, Divn. of Chemical Physics, C. E. C. R. I., Karaikudi since 1963; *b* 10 August 1924 at Nandyal in Dist. Kurnool; *Edn*: M. Sc. (Chem) in 1947 from Andhra Univ. & D. Phil. (Photochemistry) in 1951 from Allahabad Univ.; *Resch Exp*: For past 18 years in liquid dielectrics, electrolyte solutions, ultrasonics, electrochemical problems, solid state chemistry, photoconductance etc.; *Pub*: Over 50 papers in international journals; *Exp*: Annamalai Univ. 1952-60; Mysore Univ. 1960-62; *Mem*: Royal Institute of Chemistry (London), Physical Society (London); *Knows*: Telugu, English, Hindi, Kannada & Tamil; *Hobb*: Painting; *Add*: Divn. of Chemical Physics, CECRI, Karaikudi-3.

SURYANARYANA, (Dr) K. V.—Reader in Geology, S. V. Univ. since 1961; *b* 20 August 1924 at Melkote in Dist. Nandya; *Edn*: M. Sc. in 1950 & Ph. D. in 1961 from Central College, Bangalore; *Resch Exp*: Guiding researchers for past 15 years; quite a few obtained their Ph. D.; *Pub*: A large number of papers in scientific journals; *Exp*: Central College, Bangalore 1947-61; *Mem*: Founder member of Mineralogy Society of India; Indian Geo-science Association; *Knows*: English, Kannada & Telugu; *Visited*: Canada; *Hobb*: Study of philosophical literature; *Add*: Dept. of Geology, S. V. Univ., Tirupati.

SURYANARAYANA, (Dr) Kotturu S. — Head, Dept. of Agrl. Econ., A. P. Agrl. Univ., Hyderabad since 1958; *b* 28 December 1920 at Vizianagaram in A. P.; *Edn*: M. A. (Econ) in 1955 from Nagpur Univ., Ph. D. (Econ) in 1960 from Osmania Univ. & Post-doctoral study in Agrl. Econ. in 1961 from Kansas State Univ., USA; *Resch Exp*: For over 25 years in agro-economics, farm management, co-operation and marketing; *Pub*: About 25 project reports and papers on subjects like rural credit in India, integrated price policy for agriculture, agrl. planning for future, cost studies of Virginia tobacco in Guntur Dist. etc.; *Exp*: Practical experience in Agrl. Extn. & Rural Development for 3 years in Agri. Dept. of Tamil Nadu & Agrl. Colleges of Bapatla & Rajendranagar; *Mem*: International Association of Agrl. Economists, Indian Society of Agrl. Economics, Madras Agrl. Students Union; *Knows*: English, German, Telugu, Hindi & Tamil; *Visited*: Ceylon & USA; *Add*: Dept. of Agrl. Econ., College of Agriculture, Rajendranagar, Hyderabad-30.

SWAMI, Purushottama Dasa—Chemical & Ceramic Engineer, Dept. of Mines & Geology, Govt. of Rajasthan, Udaipur since 1960; *b* 31 January 1913 at Bikaner; *Edn*: M. Sc. (Chem) in 1938 from BHU & M. S. (Ceramic Engg) in 1948 from Ohio State Univ.; *Resch Exp*: In porcelain enamelling on metals; *Pub*: Vijnan ke Path par, Ratna Vijnan, Nutan Rasayan Vijnan (2 Parts), Swasthya Praveshika, Ceramic Industry in Rajasthan; numerous papers in magazines; *Honours*: Tantiya Prize in 1943; *Exp*: Dungar College, Bikaner 1942-45; Gladding, McBean & Co., Los Angles 1947; Tej Metal & Enamel Works, Saharanpur 1949-50; Perfect Pottery Works, Jabalpur 1952-53; Joined Rajasthan Govt. Dept. of Mines & Geology in 1950 and since then held different positions; *Mem*: Indian Science Congress, Rajasthan Research Institute, Vijnan Parishad; *Knows*: Rajasthani, Hindi, English, Sanskrit, Gujarati, German & Russian; *Visited*: USA 1945-48 & UK 1948; *Hobb*: Photography; *Add*: Vasudha, 24, Amarsinghpura, Lall Garh, Gajner Road, Bikaner.

SWAMINATHAN, G.—Headmaster, Shree Baldevdas Kikani Vidyamandir, Coimbatore since 1967; *b* 10 October 1927 at Tiruvidaimarudur in Dist. Tanjore; *Edn*: M. A. (English) in 1963 from BHU; *Pub*: Books The Count of Monte Cristo, Asoka Ganitham; *Exp*: Swathantra High School, Vaiyampalayam for 4 years; joined Shree Baldevdas Kikani Vidyamandir 11 years back; *Mem*: Dist. Cttee. of the Indian Red Cross, Working Cttee of Indian Vegetarian Congress; *Knows*: Tamil, Sanskrit & English; *Hobb*: Reading educational journals; *Add*: Shree Baldevdas Kikani Vidyamandir, Coimbatore.

SWAMY, S. G. Nanjunda — Scientist & Head, Non-Destructive Testing Divn., CMERI, Durgapur-9 since 1961; *b* 7 January 1932 at Mysore; *Edn*: M. Sc. (X-Ray) in 1957 from Central College, Bangalore & Research Work in 1958-61 in Physical Metallurgy from BHU; *Pub*: About 35 papers, 4 patents; *Honours*: Awarded by Invention Promotion Board in 1966 in Non-Destructive Testing Field; *Exp*: National College, Bangalore 1957-58; Engg. College, Banaras 1961; *Mem*: Indian Institute of Metals, Indian Standards Institution, Association of Scientific Workers of India; *Knows*: English, Kannada, Hindi, Tamil & German; *Visited*: Denmark, Norway, Germany, Holland, France & UK; *Hobb*: Dramatics and swimming; *Add*: House No. 3, Block No. 2, Kumara Park West, Bangalore-20.

SWARUP, (Dr) Gopal—Dept. of Nematology, I.A.R.I., New Delhi since 1958; *b* 30 May 1928 at Azamgarh in U. P.; *Edn*: M. Sc. (Plant Pathology) in 1948 from Govt. Agrl. College, Kanpur; Assoc. IARI in 1950 from IARI, New Delhi; M. S. (Mycology) in 1954 & Ph. D. in 1956 from Kansas State Univ., USA; *Resch Exp*: For 20 years; *Pub*: Over 30 papers on subjects like fungi, molya disease, plant parasites, nematophagus fungi in Delhi soils; *Exp*: For 10 years at IARI, New Delhi; *Mem*: Gamma Sigma Delta, Sigma Xi, Indian Phytopathological Society, Society of European Nematologists; *Knows*: Hindi & English; *Visited*: USA, UK, Netherlands & W. Germany; *Hobb*: Philately and music; *Add*: Dept. of Nematology, IARI, Hillside Road, New Delhi-12.

SWARUP, (Dr) Har — Prof. & Head, Dept. of Zoology, Vikram Univ. since June 1961; *b* 21 January 1921 at Biasra in Dist. Rajgarh in M.P. ; *Edn* : M. Sc. in 1946 from Agra College, Agra; Ph. D. in 1953 from Saugar Univ. & D. Phil. in 1957 from Oxford Univ.; *Resch Exp* : For 20 years; guided and still guiding many research workers; *Pub* : Over 50 papers in Indian and foreign journals; *Exp* : D. A. V. College, Kanpur 1946; Saugar Univ. 1946-56: Th. D.S.B. Govt. College 1960-61; *Mem* : Fellow of National Academy of Sciences of India, Zoological Society of India, Indian Science Congress; Dean, Faculty of Science of Vikram Univ.; Member of Syndicate and of Academic Council in other universities; *Knows* : English, Hindi & German; *Visited* : UK; *Add* : Dept. of Zoology, Vikram Univ., Ujjain.

SYAL, P. P. — Dept. of French, Panjabi Univ. since July 1967; *b* 19 June 1907 at Ludhiana; *Edn* : B.A. (French) in 1932 from Panjab Univ.; *Pub* : A few books and papers, translations in French; *Exp*, Randhir College, Kapurthala; Govt. College, Chandigarh ; P.U. Evening College, Simla; P.P.C.S.D.B. College, Simla; total teaching experience of 36 years; *Mem* : Convenor, Board of Studies in French 1957-65 in Punjabi Univ. ; association with Panjabi Univ. in many bodies; *Knows* : English, French, Urdu, Panjabi & Persian; *Visited* : Egypt, France & Italy 1933-34; *Add*: House No. 70, Sector 16A, Chandigarh.

SYED HASAN — Prof. & Head, Dept. of Persian, Patna Univ. since June 1964; *b* 1 January 1911 at Sheikhpura in Dist. Monghyr; *Edn* : M.A. (Persian) in 1937 with first class first and M.A. (Urdu) in 1935 with first class first from Patna Univ.; Dip. in. Edn. in 1937 from Patna Training College; Dip. in Modern Persian in 1956 from Tehran Univ.; *Resch Exp* : Guided many researchers ; *Pub* : Books Majmua-i-Ashaar of Burhan-ud-din Muzaffar Shams Balkhi, Divan of Rukn Sain Haravi, Faqir's Waleh-o-Sultan; papers more than 15; *Exp* : Bihar National College, Patna 1937-44 ; Patna College 1944-57; Institute of P.G. Studies & Research in Arabic & Persian Learning, Patna 1958-64; *Mem* : All India Oriental Conference, All India Islamic Studies Conference, Secy. of Indo-Iran Society (Patna); Sectional President of All India Oriental Conference (1966) and many other educational bodies; *Knows* : Hindi, Urdu, Persian & English; *Visited* : Iran; *Hobb* : Collection of manuscripts; *Add* : Mohalla Bigha, P.O. Sheikhpura, Dist. Monghyr.

SYED MOHIYUDDEEN, (Dr) — Prof. & Head, Dept. of Vety. Pathology, since 1959; *b* 12 March 1917 at My sore; *Edn* : Ph. D. in 1949 from Ohio State Univ., USA; *Resch Exp* : For over 25 years; *Pub* : About 20 research papers on animal diseases; preparing the book 'Infectious Diseases of Livestock in India' under ICAR; *Exp* : Practical experience in investigation of animal diseases of obscure origin during 1943-47 & 1950-59; *Mem*: Attached with Kerala, & Mysore Univ., many organisations; *Visited* : USA, UK, Canada for further education; *Knows* : English, Urdu, Kannada, Hindi, Persian, Arabic and German; *Add* : Mysore Vety. College, Hebbal, Bangalore-6.

SYED, Naimullah Nurullah — Head, Dept. of Engg., C.E.C.R.I., Karaikudi since July 1964; *b* 12 December 1933 at Bhopal; *Edn* : B.E. (Elec.) in 1954 & B.E. (Mech) in 1955 from College of Engg., Poona; *Resch Exp* : In Kramer method of speed control and magnetic amplifiers; *Exp* : During Training with M/s Sciaky Elect. Welding Machines, UK; M/s B.K.B. Motors Ltd., UK; A. Lyon & Co., UK; M/s Bruce Peebles & Co. Ltd., Edinburgh; M/s Titan A/s, Denmark; M/s T.B. Thrige Ltd., Denmark; National Industrial Development Corpn.; *Mem* : Association of Scientific Workers of India; *Knows* ; English, Urdu, French & German; *Visited* : UK & Denmark; *Hobb* : Study; *Add* : Dept. of Engg., C E.C.R.I., Karaikudi-3.

TAKAWALE, Prabhakar Anandrao — Head, Hindi Dept., Shri Shahu Mandir, Mahavidyalaya, Poona since 1968; *b* 13 October 1934 at Saswad in Dist. Poona; *Edn*: M.A. (Sociology) in 1958 & M.A. (Hindi) in 1961 from Poona Univ.; *Pub* : Jayasi aur sufimat, Jayasi aur Tatkalin Samaj, Kabir aur Samaj Sudhar, Ramdas aur Tulsidas etc.; several articles; *Honours* : Several prizes; *Exp* : Sayajirao Gaekwad College, Malegaon; Arts & Commerce College, Satara; *Mem* : Court, Academic Council, Faculty, Board of Studies of Poona Univ.; *Knows* : Marathi; Pali, Hindi, English & Sanskrit; *Hobb* : Library, social work etc.; *Add* : 15/206, Lokamanyanagar, Poona-9.

TALAPATRA, (Dr) Ashoke Kumar — Geologist, Geological Survey of India, Patna since May 1966; *b* 7 July 1941 at Calcutta; *Edn* : M.Sc. (Geol) in 1962 & D. Phil. (Study of soda-granites and associated feldspathic rocks along the Singhbhum Shear zone) in 1966 from Calcutta Univ.; *Resch Exp* : For over 4 years; *Pub* : Over 30 research papers in Indian and foreign journals; edited 23rd volume of Bhu-Vidya (Calcutta); *Honours* : Medal from Geological Mining Metallurgical Society for paper; *Exp* . Geological Survey of India; *Mem* : Indian Science Congress, Geological Mining & Metallurgical Society of India; *Knows* : Bengali, English & German; *Add* : 43 C, Baikuntha Ghosh Road, Kasba, Calcutta-42.

TALATI, (Dr) Kalyandas Motilal — Principal, Navjivan Arts & Commerce College, Dohad since June 1964; *b* 11 April 1924 at Halol in Dist. Panchmahals; *Edn* : M.A. (Maths) in 1948 with F.M. Dastur Prize from Bombay Univ.; M.A. (Econ) in 1952 with first class first & Ph.D. (Econ) in 1964 from Gujarat Univ.; *Resch Exp* : In socio-economic survey of Surat city, small scale industries in Surat, fertility conditions in Surat — all on behalf of Planning Commission; *Exp* : K.P. College of Commerce, Surat 1946-64; *Mem* : Chairman of Board of Studies in Stats. etc., member of Academic Council; *Knows* : English, Gujarati & Hindi; *Add* : Bazar, Halol, Dist. Panchmahals.

TALEKAR, (Dr) V. L. — Prof. & Head, Physics Dept., M. R. Engg. College, Jaipur since July 1964; *b* 4 February 1916 in Dist. Wardha; *Edn*: M. Sc. (Physics) with first class first in 1939 from BHU & Ph. D. in 1955 from Rajasthan Univ.; *Resch Exp* : In rectification in a gas discharge, heights of ionised layers, measurement of ultrasonic velocities in solids and liquids etc.; *Pub* : More than 25 research papers; *Exp* : Dungar College, Bikaner 1940-53; Maharaja's College, Jaipur 1953-60; M.B.M. Engg. College, Jodhpur 1960-62; Govt. College, Ajmer 1962-64; *Mem* : Institute of Electronic & Radio Engineers (London); *Knows* : Marathi, Hindi & English; *Add* : Dept. of Physics, M.R. Engg. College, Jaipur.

TALGHATTI, Shankar Ramchandra — Asstt. Prof. in Philosophy, S. S. Mandir Mahavidyala, Poona since 1962; *b* 30 August 1937 at Pandharpur in Dist. Sholapur; *Edn* : M.A. in 1960 with first class first winning Smt. Sudhatai Dhawle Gold Medal & Dr. Radhakrishnan Prize from Poona Univ.; *Resch Exp* : Preparing thesis for Ph.D. on the concept of moral obligation; *Pub* : A new approach to the Democratic Ethics; *Exp* : Started with S.S. Mandir Mahavidyalaya; *Mem* : Academic Council of Univ. and other bodies; *Knows* : Marathi, Hindi & English; *Hobb* : Classical music, both vocal and instrumental; *Add* : 113/A, Shanwar Peth, Nene Ghat, Poona-2.

TAMHANKAR, (Dr) Vasant Sitaram — Head, Dept. of Exp. Psychology, Poona Univ. since July 1968; *b* 22 April 1933 at Pimpalgaon in Dist. Nasik; *Edn :* M. Ed. in 1960 with first rank, M.A. (Psy) in 1963 with first class first and Gold Medal & Ph. D. (Achievement Motivation) from Poona Univ.; *Pub :* Norms for the X Grade on Advanced Progressive Matrices, Some Correlates of Intelligence, Analysis of Protocols of Indian Subjects etc.; *Honours :* Awarded Senior Fellowship of U.G.C. in 1968; *Exp* : Joined Poona Univ. in 1963; *Mem* : Indian Science Congress, Madras Psychology Society; *Knows :* English, Marathi & Hindi; *Hobb :* Playing musical instruments; *Add* : 970 (Old) Sadashiv Peth, Laxmi Road, Poona 2.

TANDAN, (Dr) Hem Chandra — Prof. of Physiology & Vice-Principal, Kakatiya Medical College, Warangal since July 1960; *b* 7 May 1926 in Dist. Faizabad; *Edn :* M.D. in 1952 from K.G. Medical College, Lucknow; *Resch Exp* : In presso-receptors in the arteries, use of isolated kidney in nephrectomized dogs; *Pub :* In the studies regarding physiology of dogs; *Exp* : K.G. Medical College, Lucknow for 9 years; Govt. Medical College, Srinagar for 1 year; *Mem* : Indian Medical Association, Association for the Advancement of Medical Education; *Genl* : Participated in numerous seminars and observor groups; *Knows* : Hindi & English; *Hobb* : Social service; *Sports* : U.P. Badminton Champion 1943, Captain of Provincial Team for All India Championship 1943; Univ. Champion at Allahabad and Lucknow; *Add* : Kakatiya Medical College, Warangal, A.P.

TANDON, (Dr) Sant Prasad — Prof. & Head, Dept. of Chemistry, Allahabad Univ. since January 1967; *b* 6 November 1909 at Allahabad; *Edn* : M. Sc. (Chem) in 1932 with first class first & D. Phil. (Chem) in 1937 from Allahabad Univ.; *Resch Exp* : Over 30 years in the field of soil microbiology, synthetic dyes and natural products; *Pub* : Books — Starch aur Uska Vyavsaya, Text Book of Organic Chemistry, Organic Chemistry, Prarambhik Karbanik Rasayan, Prarambhik Jiva-Vigyan (2 parts), Vayu Mandal ki Sukshma Hawain; nearly 45 articles in journals or chapters in books; *Honours* : Swami Harisharnand Prize of Rs. 2000/- by Vigyan Parishad on 'Starch aur uska Vyavsaya'; *Exp* : Started at Allahabad Univ. about 20 years ago; *Mem* : National Academy of Sciences, Vice-President of Vigyan Parishad, Governing Member of Hindi Sahitya Sammelan, Servants of People Society, Secy. of Hindi Vidyapith, Secy. of Gauri Pathshala Inter College; *Genl* : Son of late Babu Rajrishi Purushottamdas Tandon and participated in the non-cooperation movement for the freedom of India; *Knows* : English, Hindi & Sanskrit; *Visited* : Nepal; *Add* : Dept. of Chem., Allahabad Univ., Allahabad.

TANDON, (Dr) Sohan Lal -- Dept. of Botany, Delhi Univ.; *b* 11 August 1922 at Nowshera in W. Pakistan; *Edn* : M. Sc. (Agrl Bot) in 1945 from BHU, Associateship in 1947 from I. A. R. I., New Delhi & Ph. D. in 1952 from Washington State Univ.; *Pub* : More than 100 papers in Cytogenetics and economic botany; *Exp* : Since 1948 at Delhi Univ.; *Mem* : Vice-President, Indian Society of Genetics & Plant Breeding; several Univ. bodies; *Knows* : English & Urdu; *Visited* : USA & UK; *Hobb* : Gardening; *Add* : Dept. of Botany, Delhi Univ.; Delhi-7.

TANEJA, (Dr) Col. Bashi Lal -- Director General, I. C. M. R., New Delhi (1964-69) *b* 18 February 1903 at Dera Ismail Khan in W. Pakistan; *Edn:* DTM & H in 1928 with first position winning Duncan Medal from London School of Tropical Medicine, MRCP in 1930 from Royal Infirmary (Edinburgh) & MRCP in 1930 from Guy's Hospital, London; *Resch Exp*: For over 15 years; *Pub:* On Q Fever in India, Encephalitis in N. India, Bio-chemical research, cholera vaccine etc.; *Exp*: Medical College, Amritsar for 2 years; Armed Forces Medical College, Poona for 5 years; Maulana Azad Medical College, N. Delhi for 5 years; *Mem:* Secy., Vice-President & Hony. Treasurer of Indian Association for Advancement of Medical Education; Fellow, Indian Academy of Medical Sciences, ICAR, Scientific & Advisory Cttee to Cabinet, Indian Association of Pathologists (President 1964), Planning Commission Panel on Ayurveda, Indian Medical Association and several other medical bodies; *Knows*: English, Hindi & Urdu; *Visited*: UK, USA & USSR; *Hobb*: Study of comparative religions; *Add*: D-348, Defence Colony, New Delhi-3.

TANEJA, (Dr) Gurdas Mal — Head, Dept. of ENT, Medical College, Amritsar since 1956; *b* 15 May 1914 at Hadali in Dist. Shahpur in W. Pakistan; *Edn*: M. S. (ENT) in 1949 from Medical College, Amritsar; *Pub*: On Nasopharyngeal carcinoma, chronic suppurative otitis media, chronic S. O. M., atrophic rhinitis, temporal bone surgery, cancer of nasopharynx etc.; *Exp*: Medical College, Lahore 1939 47; joined Medical College, Amritsar in 1947; *Mem*: Indian Medical Association, Association of Otolaryngologists of India, Association of Neurologists of India, Association for the Advancement of P. G. Medical Education, Academy of Otologists and Ophthalmologists of N. W. India (President); *Knows*: English, Urdu & Russian; *Visited*: Canada for P.G. training; *Hobb*: Photography; *Add*: 24, Hukam Singh Road, Amritsar.

TAPKIR, G. M. — S. N. Govt. P. G. College, Khandwa since 1964 (Principal 1967); *b* 14 January 1920 at Dhar in M. P.; *Edn*: M. A. (Econ) in 1944 & LL. B. in 1945 from Holkar College, Indore; *Exp*: Madhav College, Ujjain 1947-50; M. L. B. Arts & Commerce College, Gwalior 1950-56; Govt. P. G. College, Ratlam 1956-62; Govt. College, Neemuch 1962-64; *Mem*: President of M. P. Gazetted Officers' Association, Board of Studies in Saugar Univ.; *Knows*: Hindi, Marathi & English; *Add*: S. N. Govt. P. G. College, Khandwa, M. P.

TATIA, (Dr) Nathmal — Director, Research Institute of Prakrit, Jainology & Ahimsa, Vaishali since 1961; *b* February 1919 at Beldanga in W. B.; *Edn*: M. A. (Sanskrit) in 1941 & D. Litt. (Fundamental Problems of Jain Philosophy) in 1951 from Calcutta Univ.; *Resch Exp:* For nearly 20 years; *Pub*: Studies in Jain Philosophy, A Critique of Organ of Knowledge, Sarvastivada, Doctrine of Causation in Early Buddhism, Madhyantavibhagabhasya etc.; *Exp*: Nava Nalanda Mahvihara; *Mem*: Asiatic Society, All India Oriental Conference (Member-President), Congress of Orientalists; *Knows*: English, Sanskrit, Hindi, Prakrit, Bengali; *Visited*: USA, Japan, UK and other continental countries; *Add*: Resch. Institute of Prakrit, Jainology & Ahimsa, Vaishali, Bihar.

TAWDE, Sitaram Ramji — Dean, Faculty of Education, Shivaji Univ. since 1965; *b* 10 October 1895 at Salel in Dist. Ratnagiri; *Edn*: M. A. (Edn) in 1922 & T. D. in 1923 from Columbia Univ.; Dip. Ed. in 1936 from Oxford Univ., UK; *Resch Exp*: For past over 40 years; *Pub*: Diamond Jubilee Volume of Training College for Men, Utsahi Shikshakache Karya Chhetra, Problem Method of Teaching; a number of articles and papers; *Exp*: Dadar English School, Bombay 1914-18; Principal, Training College for Men, Poona 1927-38; Principal, Secondary Training College, Belgaum 1947-50; Chairman of Maharashtra State Board of Secondary Education 1957-65; *Mem*: Chairman of Shivaji Univ. Commission which recommended the establishment of Shivaji Univ.; member of several Univ. bodies in Bombay, Poona & Shivaji Univ. at different times; *Knows*: Marathi, English, Hindi & Sanskrit; *Visited*: USA 1920-23, UK 1936-37, Germany; *Add:* Ramji Sadan, Shahupuri, Kolhapur.

TEJPAL, Satya Prakash — Principal, Govt. College, Tonk since July 1963; *b* 6 October 1913 at Karauli in Dist. Swai Madhopur; *Edn*: M. A. (English) in 1935 from Agra College, Agra; B. T. in 1939 from BHU & LL. B. from Law College, Jaipur; *Exp*: Maharaja's College, Jaipur; M. S. J. College, Bharatpur; R. R. College, Alwar; Govt. College, Jhalawar; S. B. D. College, Sardarshahr; *Mem*: Faculty of Univ.; *Knows*: English, Urdu, Hindi & Punjabi; *Hobb*: Music; *Add*: Govt. College, Tonk, Rajasthan.

TELANG, (Dr) Kunda (Sirur) — Reader in Child Development, College of Home Sc., S. N. D. T. Women's Univ. since 1964; *b* 2 November 1936 at Dharwar; *Edn*: M. S. in 1961 from Virginia Polytechnic, Virginia & Ph. D. in 1964 from Univ. of Wisconsin; *Resch Exp*: For 10 years; *Pub*: Mothers attitude toward Child Study, Youth's Opinion on Courtship and Marriage, Educational & Vocational Choice of Youth etc.; *Exp*: Virginia Polytechnic for 2 years; *Mem*: All India Association of Home Science; *Knows*: English German, Hindi, Marathi, Kannada & Konkani; *Visited*: USA 1959-64; *Hobb*: Music; *Add*: College of Home Sc., S. N. D. T. Women's Univ., Bombay-1.

TENGSHE, (Dr) Laxman Hanmant — Principal, C. B. Patel Arts Institute, Nadiad since June 1967; *b* 18 January 1920 at Dharwar; *Edn*: M. A. (English) in 1943 from Karnatak College, Dharwar & Ph. D. in 1954 from Bhawan's College, Bombay; *Resch Exp*: On Tagore and his view of arts; *Pub*: Tagore & his View of Arts, Macbeth (Ed), Wordsworth (Ed); *Exp*: H. K. Arts College, Ahmedabad-9; *Mem*: Board of Studies, Lions Club; *Knows*: English, Gujarati, Marathi, Sanskrit & Hindi; *Add*: C. B. Patel Arts Institute, Nadiad, Dist. Kaira.

TERGAONKAR, Krishna Bheemarao — Retired; *b* 28 January 1906 at Annigeri; *Edn*: B. Sc. (Hons) (Chem) in 1929 from Fergusson College, Poona & B. T. in 1934 from Sec. Teachers College, Bombay; *Pub*: Gandhi Vichar, Guide Book in Kannada for Basic School Teachers; *Exp*: Sardar High School, Belgaum 1930-33; S.T. College, Bombay 1933-34; Training College, Dharwar 1934-39; Basic Training Centre, Dharwar 1939-42; Educational Directorate, Dharwar 1942-46; Teachers College, Belgaum 1947-48; Principal, Graduates Basic Training College, Dharwar 1948-53; Educational Inspector, Dharwar 1953-56; Directorate of Public Instructions, Dharwar 1956-57; P. G. Basic Training College, Dharwar 1957-59; Public Instructions Officer, Chitaldurg 1959-61; Principal, S. S. Basic Training College for Men & Women, Mysore 1961-67; *Mem*: Several educational bodies; *Knows*: Kannada, English, Hindi & Marathi; *Add*: 19, Suryalaya, Shankar Mutt Road, Bangalore-4.

TEWARI, (Dr) Anil Kumar — Head, Dept. of Geography, Jodhpur Univ. since November 1967; *b* 7 March 1938 at Kanpur; *Edn*: M. A. (Geog) in 1957 with first class first and winning Chancellor's Gold Medal from D. A. V. College, Kanpur; Ph. D. (Land Utilization of Jaunsar Bawar) in 1964, Post-doctoral research in Geomorphology and aerial photo-interpretation from France; *Pub*: Nearly 30 papers in Indian and foreign journals; *Honours*: Guiding Ph. D. research work in many universities; supervised many UGC and foreign-aided research projects; *Exp*: K. R. College, Mathura for 2 years; D. A. V. College, Dehra Dun for 4 years; joined Jodhpur Univ. in 1962; *Mem*: Vice President of Indian Association of Geography; member of Deccan Geographical Society, National Geographical Society, Indian Geographical Society etc.; *Knows*: Hindi, English & French; *Visited*: France; *Hobb*: Hiking, trekking; *Add*: 106/129, Gandhi Nagar, Kanpur.

TEWARI, (Dr) Vishwanath Prasad — Principal, J. N. S. Degree College, Maharajganj, Gorakhpur since August 1967; *b* 20 June 1940 at Raipur Bhasahi in Dist. Deoria; *Edn*: M. A. (Hindi) in 1961 with first class first & Ph. D. in 1966 from Gorakhpur Univ.; *Resch Exp*: Ph. D. thesis on Chhayavadottar Hindi Gadya Sahitya; *Pub*: Book of Ph. D. thesis and several articles in Hindi journals; *Exp*: J. L. N. S. Degree College, Maharajganj; *Hobb*: Music, travelling, struggle against injustice, reading etc.; *Knows*: Sanskrit, Hindi & English; *Add*: Vill. Raipur Bhasahi, P. O. Marar Bindwalia, Dist. Deoria.

THAKKAR, (Dr) Keshavlal Ambalal—P.T. College, Ahmedabad-7; *b* 22 April 1896 at Bhoj, Dist. Baroda; *Edn*: M.A. (Phil. of Shri Akhaji) in 1936 & LL. B. in 1920 from Bombay Univ.; Ph.D. (Mysticism in Gujarat) in 1962 from M.S. Univ. of Baroda; *Resch Exp*: In modern saints of Gujarat and Akha's Sakhis; *Pub*: Books — Saints of Modern Gujarat, An Outline of World History, World Religions, Kalapideo: the Wonderful Mystic, Sahakar Mimansa; several articles and radio-talks; *Exp*: College for Women, Baroda; National College, Ahmedabad; *Knows*: Gujarati, English, Sanskrit & Hindi; *Add*: P.T. College, Paldi, Ahmedabad-7.

THAKKAR, (Dr) (Smt) Muktaben Dashrathbhai — Principal, P.T. Arts College, Ahmedabad since October 1967; *b* 14 March 1938 at Baroda; *Edn*: M A. (Sanskrit) in 1959 from Vallabhbhai Patel Mahavidyalaya, Vallabh Vidyanagar & Ph. D. (Sanskrit) in 1967 from M.S. Univ. of Baroda; *Resch Exp*: on Bhakti Cult of the Bhagavat Purana; *Exp*: Ras High School, Ras 1957-58; National College, Ahmedabad 1962-63; joined P.T. Arts College in 1963; *Mem*: Several social and women organisations; *Knows*: English, Gujarati, Hindi & Sanskrit; *Add*: Udyam, 2, Kashmira Society, Paldi, Ahmedabad-7.

THAKUR, Anantalal — Sr. Prof. of Prakrit, Research Institute of Prakrit, Jainology & Ahimsa, Vaishali since April 1965; *b* January 1919 at Kotwalipara in Dist. Faridpur; *Edn*: M.A. (Sanskrit) in 1944 from Calcutta Univ.; *Resch Exp*: For several years in Buddhist Philosophy; *Pub*: Books — Parijataharana, Vaisesikadarsana, Kavyalaksana of Dandin, Ratnakirtinibandavali, Jnanasrimitranibandhavali, Pikadutam & Kradutam etc. besides a number of papers; *Exp*: P.K. Roy College, Manbhum; M C. College, Barpeta; Katwa College, Burdwan; Mithila Institute of P.G. Studies & Research 1953-65; *Knows*: Bengali, Sanskrit, Prakrit, English & Hindi; *Add*: c/o Dr. G.C. Bhattacharya, Lalbagh, Darbhanga, Bihar.

THAKUR, (Dr) R. L. — Asstt. Director, Central Glass & Ceramic Research Institute, Calcutta-32 since 1963; *b* 31 October 1920 at Warispur in Dist. Muzaffarpur; *Edn*: M.S. (Glass Science) in 1947 from Alfred Univ., USA; Advanced Ceramics Science Course in 1948 from Illinois Univ. & further Training from Pennsylvania Univ.; *Resch Exp*: For past 20 years in colour of minerals, viscosity of glass, catalysed crystallisation of glass and photo sensitive glass etc.; *Honours*: Editor for past 15 years of Glass & Ceramic Research Bulletin and French journal of High Temperature & Refractories; *Mem*: High Temperature Commission of the International Union of Pure & Applied Chemistry, American Ceramic Society, Indian Ceramic Society, Ceramic Association of New York; *Knows*: English, Hindi, Bengali & German; *Visited*: USA, UK, Germany, France, Holland & Japan; *Add*: Central Glass & Ceramic Research Institute, Calcutta-32.

THAKUR, (Dr) Upendra — Reader & Head in Ancient Indian & Asian Studies, Magadh Univ. since August 1965; *b* 2 January 1928 at Mowbehat in Dist. Darbhanga; *Edn*: M.A. in 1950 with second class first & D. Phil. in 1954 from Calcutta Univ.; *Resch Exp*: For past 15 years; *Pub*: History of Mithila, History of Suicide in India, Studies in Jainism & Buddhism in Mithila, The Hunas in India; over 45 research papers; *Exp*: G.D. College, Begusarai 1956-58; Patna Univ. 1958; Gorakhpur Univ. 1958-59; Patna Univ 1959-64; joined Magadh Univ. in 1964; *Mem*: Numismatic Society of India, Indian History Congress, Bihar Research Society and Associate Editor of its Journal; *Knows*: English, Hindi, Maithili & Bengali; *Add*: 269, Anugrahapuri, Gaya.

THANGAVELU, (Dr) M. — Principal, Medical College, Trivandrum since 1958; *b* 21 July 1921 at Munnar in Kottayam; *Edn*: M.D. (Pathology) in 1948 with several Medals & Prizes from Medical College, Madras; *Resch Exp*: In cancer, family planning, health problems and rehabilitation; *Pub*: A number of papers on neoplasms and amoebiasis; *Exp*: Medical College, Madras 1945-51; Prof. of Pathology, Medical College, Trivandrum since 1953, Vice-Principal 1957-58; *Mem*: Dean of Faculty of Medicine, ICMR, Royal Society of Medicine, Indian Association of Pathologists, Association for the Advancement of Med. Education; *Knows*: Tamil & English; *Visited*: USA, S.E. Asia & S. Korea; *Add*: Medical College, Trivandrum.

THAPAR, (Dr) Baldev — Prof. in Elect. Engg., Punjab Engg. College, Chandigarh since 1965; *b* 1 September 1930 at Ludhiana; *Edn* : M. Sc. (Elec Engg) in 1960 & Ph. D. in 1963 from Illinois Univ., USA; *Resch* : *Exp* : for ten years in problems of electric power systems; *Pub* : Numerous research articles in Indian and foreign journals; *Exp* : Punjab P.W.D. Electricity Branch for 2 years; for past 15 years teaching at Punjab Engg. College, Chandigarh; *Mem* : Institute of Electrical & Electronics Engineers (USA), Institution of Electrical Engineers (UK), Institution of Engineers (India); *Knows* : English, Hindi, Urdu, Punjabi & French; *Visited* : USA, Canada, UK, France, Germany, Switzerland, Italy & Egypt for technical education; *Add* : Dept. of Elect. Engg., Punjab Engg. College, Chandigarh.

THAPAR, Krishna Singh — Principal, Desh Bandhu College, Kalkaji, New Delhi since January 1966; *b* 18 June 1908 at Rawalpindi; *Edn* : M.A. (History) in 1930 from Govt. College, Lahore; B.A. (Hons) in 1933 & B Litt. in 1934 from Oxford Univ.; Bar-at Law in 1934 from Gray's Inn, London; *Pub* : Books — Ganga, Lekh te Jeevanian and a few papers; *Exp* : Govt College, Lahore; Govt. College, Hoshiarpur; Govt. College, Chandigarh; Govt. College, Ludhiana; *Mem* : Senate, Faculty, Academic Council of Panjab Univ. for past several years; Academic Council of Delhi Univ., Indian History Congress; *Knows* : English, Punjabi, Hindi, Urdu & French; *Visited* : UK, Belgium, Holland, France, Italy, Austria, Hungary & Switzerland; *Add* : Deshbandhu College, Kalkaji, New Delhi-19.

THAPAR, (Dr) Romila — Reader in History, Delhi Univ. since 1962; *b* 30 November 1931 at Lucknow; *Edn* : Ph. D. (History) in 1958 from School of Oriental & African Studies, London; *Pub* : Books — Asoka and the Decline of the Mauryas, History of India, Ancient India, Medieval India, Indian Tales etc; *Exp* : London Univ. 1959-60; Kurukshetra Univ. 1961-62; *Mem* : The Royal Asiatic Society; *Knows* : Sanskrit, Pali, French & English; *Add* : Dept. of History, Delhi Univ., Delhi-7.

THAVARAJ, (Dr) M. J. K.—Reader in Economic Policy, I. S. P. A., New Delhi since 1962; *Edn* : M. A. in 1950 from Madras Univ., Ph. D. in 1958 from Delhi Univ., P. G. work in Columbia Univ. 1958-59 & Post-doctoral Research in Syracuse Univ. 1966-67; *Pub* : Books — Public Investment in India, American Economy, Soviet Economic Development, papers on subjects like capital formation in public sector, Chinese economy, rationing, inflation, deficit financing, price policy, balance of payments etc.; *Exp* : P S. G. Arts College, Coimbatore 1950 51; V. H. N S. N College, Virudhunagar 1951-53; St. Stephen's College, Delhi 1956-62; *Honours* : First class first in M. A., Fulbright-Smith-Mundt Awardee; *Mem* : Office-bearer in numerous social and educational bodies; Part-time Chairman of the Taxation Enquiry Cttee of Govt. of Kerala; *Add* : I. I. P A., Indraprastha Estate, Ring Road, New Delhi-1.

THAYIL, Philip K. — Principal, Law College, Ernakulam since June 1967; *b* 12 July 1917 at Maryoor in Dist Kottayam; *Edn* : M. L. in 1954 winning Cullen Law Prize from Kerala Univ.; *Resch* *Exp* : Guiding students' thesis; research on company's directors; *Pub* : A book on Companies Directors; *Exp* : S. N. College, Thevara; Govt. Commercial Institute; Law College, Trivandrum; *Mem* : Senate & Board of Univ. of Kerala; *Knows* : Malayalam, English & French; *Add* : XXIII/911, Near Karithala P. O., Kalathilparambil Road, Ernakulam-6.

THIPPESWAMY, (Dr) Thuduma — Principal, Sree Siddaganga College of Science, Tumkur since May 1966; *b* 5 April 1928 at Konasagara in Dist. Chitradurga; *Edn*: M. Sc. (Bio-chem) in 1956 with first class first and winning 2 Gold Medals from Medical College, Mysore & Ph. D. in 1963 from Univ. of Cincinnati, USA; *Resch Exp*: In re-arrangement re-actions and antimalarial drugs; *Pub*: A few papers; *Exp*: Yuvaraja's College, Mysore 1954-58; Central College, Bangalore 1958-59; Univ. of Cincinnati 1959-63; Central College, Bangalore 1963-64; Malnad College of Engg., Hassan 1964-66; D. R. M. College, Davangere 1966-67; *Mem*: Phi Lambda Upsilon, Sigma Xi; *Knows*: Kannada, English, German & French; *Visited*: UK, France, Germany, Italy & USA; *Hobb*: Gardening; *Add*: S. S. College of Science, Tumkur, Mysore State.

THOMAS, (Dr) J. P. — Principal, Y. M. C. A. College of Physical Education, Madras since 1964; *b* 15 July 1917 at Cumbum in Dist. Madurai; *Edn*: M. Ed. in 1950 from Meston Training College & Ed. D. in 1958 from Boston Univ., USA; *Pub*: Physical Education Lessons, Organisation of Physical Education, Let Us Coach Soccer, etc; regular contributor to sports magazines; *Exp*: Teachers' College, Madras-15 1942-47; joined YMCA College of Physical Education in 1947 and since then held different positions; *Mem*: Central Advisory Board of Physical Education, Secy. of Madras State Olympic Association, Vice-President of Madras State Athletic Association, President of Madras State Aquatic Association, Treasurer of Madras State Association for the Blind, member of numerous sports bodies; *Knows*: Tamil & English; *Visited*: USA, Cuba and Europe; *Add*: No. 1, IV Main Road, C. I. T. Nagar, Madras-35.

TIKKIWAL, (Dr) Bhagwan Das — Prof. & Head, Dept. of Statistics, Rajasthan Univ., Jaipur since March 1962; *b* 15 January 1926 at Jaipur; *Edn*: M. Sc. (Maths) in 1948 with first class first from Rajasthan Univ.; Dip. in Agrl. Stats. in 1951 with first class first from IARI, New Delhi & Ph. D. (Stats) in 1955 from N. Carolina Univ., USA; *Resch Exp*: For over 22 years in successive sampling; *Pub*: Over 30 papers; *Exp*: ICAR 1951-52; Columbia Univ. 1952-54; N. Carolina Univ. 1955; Karnatak Univ. 1956-62; *Mem*: Statistical Cttee of Ministry of Agri., Govt. of India; Index Number Cttee of Rajasthan Govt.; several Univ. cttees; Institute of Mathematical Statistics; Indian Society of Agrl. Research; *Knows*: Hindi, English & French; *Visited*: USA, UK, France, Germany, Italy, U.S.S.R. & Egypt; *Add*: Tikkiwalon Ka Rasta, Ajmerigate, Jaipur.

TILAK, (Dr) B. D. — Director, National Chemical Lab., Poona since August 1965; *b* 26 September 1918 at Karanje in Dist. Poona; *Edn*: B. Sc. (Tech) (Textile Chem) in 1939 & Ph. D. in 1943 from Bombay Univ.; D. Phil. (Org Chem) in 1946 & D. Sc. in 1961 from Oxford Univ.; *Exp*: Bombay Univ. 1940-65 and for 1950-65 as Prof. of Dyestuff Techy., consultant to numerous Indian dyestuff industries, carried research projects of many chemicals manufacturing firms; *Pub*: Over 150 research papers and project reports; *Honours*: Basudev Banerjee Medal & Prize for 1959-60, K.G. Naik Gold Medal 1959, S.S. Bhatnagar Award 1963; *Mem*: National Institute of Sciences, Indian Academy of Sciences, Institution of Chemists, CSIR,

TILAK, (Dr) Sham Trimbak — Reader in Botany, Marathwada Univ. since 1964; *b* 12 November 1931 at Poona; *Edn*: M Sc. in 1954, first class first & Ph. D. (Plant Pathology) in 1960 from Poona Univ.; *Resch Exp*: In mycology, aerobiology etc.; *Pub*: Over 80 papers in international journals; *Honours*: Selected as Contemporary Noted Mycologist in 1965 (Chicago, USA); *Exp*: Agrl. College, Akola; M.E.S. College, Poona; Horticultural Dept. of Bihar Govt.; Deogiri College, Akola; joined Marathwada Univ. in 1962; *Mem*: Indian Botanical Society, Botanical Society (Madras), Indian Phytopathological Society; *Visited*: UK, France, Switzerland, Italy, UAR, Germany during 1966-67; *Add*: Dept. of Botany, Marathwada Univ., Aurangabad.

Development Council of Organic Chemical Industries, Indian Science Congress etc.; *Visited :* USA, UK, Poland, W. Germany, Czechoslovakia, Yugoslavia, Belgium & USSR for research, to conduct negotiations on Govt. of India behalf and other purposes; *Add :* National Chemical Lab., Poona-8.

TIWARI, (Dr) Baijnath Prasad — Principal, R.A.K. College of Agri., Sehore since December 1966; *b* 20 October 1925 at Koshla in Dist. Bilaspur, M.P.; *Edn :* Assoc. IARI in 1949 from IARI, New Delhi & Ph. D. (Agronomy) in 1962 from Nagpur Univ.; *Resch Exp* : For 15 years; *Pub* : Books — A Handbook of Agri. in the Central Regions, A Consolidated Record of Field Experts in M.P.; A Handbook & Guide for Research Workers, Review of Research Work; over 40 articles; *Honours* . Recipient of prizes throughout academic career; *Exp* : Nagpur College of Agri. 1951-56; Jabalpur Agri. Research Institute 1958-66; *Mem* : Indian Society of Agronomy, *Genl :* Well-versed in farm management, gardening, crop-rotation, irrigation and fertilizers etc.; *Knows :* Hindi & English; *Visited* : Italy, UK, USA, Hawaii, Japan & Philippines; *Hobb :* Reading; *Add* : R.A.K. College of Agri., Sehore, M.P.

TIWARI, (Dr) Bhola Nath—Writer; *b* 4 November 1923 at Husenpur in Dist. Ghazipur; *Edn* : M.A. (Hindi) in 1949 & D. Phil. in 1956 from Allahabad Univ.; *Resch Exp* : Guiding research work for past 15 years; *Pub :* Dictionaries — Vrihat Paryayavachi Kosh, Hindi Muhawara Kosh, Hindi Katha Kosh, Hindi Sahitya Ki Antarkathaen, Tulsi Shabda Sagar, Bhasha Vigyan Kosh; other books—Bhasha Vigyan, Shabdon ka Jiwan, Hindi Bhasha, Mahakavi Dev, Hindi Niti Kavya, Kabir aur Unka Kavya, Kavi Prasad, Bhartiya Pauranik Kathaen; over 25 papers; *Honours* : Two U.P. Govt. Awards, Dalmia Puraskar of Rs. 2100/- on Hindi Bhasha; *Exp* : K.M. College & Delhi Univ. for 12 years; Tashkent Univ. for 2 years; *Visited* : USSR 1962-64 & UK; *Hobb*: Philately ; *Add* : E 4/23, Model Town, Delhi-9.

TIWARI, (Dr)G. N. — Head, Dept. of Hindi & Reader, Gorakhpur Univ. since 1958; *b* 30 October 1912 at Dhampur in Dist. Bijnor; *Edn* : M. A. (Hindi) in 1940 with first class second & Ph. D. (Bhartendu Kaleen Naatak Sahitya) in 1956 from Agra Univ.; *Resch Exp* : For 20 years; guided many research scholars; *Pub :* Books more than 15, including Bhartendu Kaleen Naatak Sahitya, Sahitya Sarovar, Hindi ke Etihasik Upanayas, Etihasik Upnayaskar Vrindabanlal Varma, Saagari Sahas, Deep se Deep Jale, Netaji, Abhinaya, Hara Feeta, Maa ki Pukar, Bhuton ki Dibia, Vinaya Patrika etc.; over 60 research papers and articles; *Honours* : Awarded by U. P. Govt.; *Exp :* D. A. V. College, Lahore for 6 years, St. Andrew's College, Gorakhpur for 11 years; *Mem* : Sahitya Akademi (Delhi), Kashi Nagari Pracharini Sabha, Hindi Sahitya Sammelan, All India Hindi Bhaartiya Parishad; member of many Univ., students, social and educational bodies; *Knows :* Hindi, English, Urdu, Sanskrit, Pali & Rajasthani; *Add* : Satya Sadan, Vindhyavasini Nagar, Gorakhpur.

TIWARI, (Dr) Paras Nath — Hindi Dept., Allahabad Univ. since 1957; *b* 29 December 1922 at Lorhi Dih in Dist. Allahabad; *Edn :* M. A. (Hindi) in 1948 & D. Phil. (A Critical Study of the texts and textual problems of Kabir's Works) in 1957 from Allahabad Univ.; *Pub* : Books — Kabir Granthavali, Kabir Sangrah, Kabir Sangrah Samjivani, Kabir, Shyam Samshipt Hindi Kosh besides numerous papers; *Honours :* a few prizes and awards; *Exp :* Started with Allahabad Univ.; *Mem :* Bhartiya Hindi Parishad, Linguistic Society of India; *Knows* : Hindi, English, Urdu & Sanskrit; *Hobb* : Research; *Add* : 40A, Motilal Nehru Road, Allahabad.

TIWARI, (Dr) Prem Nath — Asstt. Prof. of Physics, I. I. T., New Delhi since July 1967; *b* 8 July 1935 at Asawn in Dist. Ghazipur in U. P.; *Edn* : M. Sc. (Physics) in 1958 & Ph. D. in 1966 from BHU; *Resch Exp* : For nearly 10 years; *Pub* : Ten articles; *Exp :* BHU 1958-65 & 1966; *Knows* : Hindi & English; *Add* : Dept. of Physics, I. I. T., New Delhi-29.

TIWARI, (Dr) Ram Chandra — Dept. of Hindi, Gorakhpur Univ. since 1958; *b* 4 June 1924 at Varanasi; *Edn* : M.A. in 1949 with first position and Ph. D. in 1956 from Lucknow Univ.; *Resch Exp* : Guiding research work since 1960; *Pub.* : Books — Reeti kalin Hindi Kavita aur Senapati, Madhya Yugeen Kavya Sadhana, Sahitya Nikash, Sahitya ka Mulankan, Hindi Ka Gadya Sahitya; *Exp* : Maharana Pratap Degree College, Gorakhpur 1952-58; *Mem* : President of Hindi Parishad at Gorakhpur Univ., member of social and educational bodies; *Knows* : Hindi, Urdu, English, Sanskrit & French; *Add* : Hindi Dept., Gorakhpur Univ., Gorakhpur.

TIWARI, (Dr) Ram Khilawan — Principal, M.G. Memorial College, Itarsi since October 1966; *b* 2 February 1924 at Kuriyaree in Dist. Bilaspur; *Edn* : M.A. (Hindi) in 1954 from Nagpur Univ. & Ph. D. in 1964 from Saugar Univ.; *Resch Exp* : For past 10 years; *Pub* : A book 'Makhanlal Chaturvedi : Vyakti aur Kavya' besides various articles; *Honours* : Sahitya Ratna from Prayag & LL.B. from Saugar Univ.; *Exp* : Sehaefer Memorial High School, Bilaspur 1951-53; Lahiri College, Chirimiri 1954-56; Govt. Multi-Purpose High School, Bilaspur; Govt. Normal School, Dharamjaygarh & Bilaspur; Govt. High School, Raigarh 1956-58; joined M.G. Memorial College, Itarsi in 1958 and held different positions; *Mem* : Bhartiya Hindi Parishad; *Genl* : Participated in AIR broadcasts; sometimes practised as Legal practitioner; deeply interested in Indian religion, philosophy and culture; *Knows* : Hindi, Sanskrit & English; *Add* : Mistri Chal, Surajganj, Itarsi, M.P.

TIWARI, Rama Shankar — Reader in Civil Engg., Roorkee Univ. since February 1967; *b* 5 January 1940 at Rewa in M.P.; *Edn* : M.E. (Advanced Surveying & Photogrammetry) in 1962 with first position from Roorkee Univ.; *Pub* : On achievements of photogrammetry in highway engineering, Gregerson's Mean etc.; *Exp* : P.W.D. (B&R) in M.P. Govt.; *Mem* : American Society of Photogrammetry, Univ. bodies; *Knows* : Hindi, English & German; *Hobb* : Hiking and sports; *Sports* : Member of Hockey & Cricket eleven throughout student career, recipient of Best Sportsman of the Year Trophy in 1967 & Tennis Singles & Double Winner in 1967; *Add* : Dept. of Civil Engg., Roorkee Univ., Roorkee.

TIWARI, (Dr) Ramanand — Head, Philosophy Dept., M.S.J. College, Bharatpur *b* 3 August 1919 at Soron in Dist. Etah; *Edn* : M.A. (Phil) in 1940 & D. Phil. in 1947 from Allahabad Univ. & Ph. D. (Hindi) in 1959 from Rajasthan Univ.; *Pub* : Books — Shankarachaya Ka-Achara-Darshan, Bharatiya-darshan-ka Parichaya, Bharatiya-Darshan ki-Bhumika, Satyam-Shivam-Sundaram, Parvati-Mahakavya etc ; *Exp* : For past 22 years in Rajasthan Education Serivce; *Knows* : Hindi, English & Sanskrit; *Add* : M.S.J. College, Bharatpur, Rajasthan.

TIWARI, (Dr) Ramesh Chandra — Analytical Chemist, Indian Grassland & Fodder Research Institute, Jhansi since 1967; *b* 2 January 1941 at Delauhan in Dist. Allahabad; *Edn* : M Sc. (Agri Chem) in 1961 winning Shiela Dhar Memorial Gold Medal & D. Phil. Soil-Science) in 1965 from Allahabad Univ.; *Resch Exp* : For 8 years in soil fertility and chemistry; *Pub* : 6 books on Agriculture, over 45 research papers and numerous essays; *Exp* ; Allahabad Univ. 1967; *Mem* : Indian Society of Soil Science, Vijnan Parishad; *Knows* : Hindi, English & French; *Hobb* : Essay-writing and cultural programmes; *Add* : Delauhan, P.O. Meja Road, Dist. Allahabad.

TIWARI, (Dr) Shiv Darshana — Dept. of Sanskrit, Saugar Univ. since November 1965; *b* 1 January 1940 at Nanhul in Dist. Ballia; *Edn* : M A. (Sanskrit) in 1964 & Ph. D in 1967 from Saugar Univ ; *Resch Exp* : in development of Sanskrit drama in the 19th century and currently working for D. Litt. in development of personality as visualised in Vedic literature; *Pub* : Translation & Commentary of 'Paraskar Grihya Sutra' besides numerous articles; *Honours* : Obtained prizes in Sanskrit debates; *Exp* : Gandhi Sanskrit Manavidyalaya, 1961-64; *Knows* : Hindi, English, Sanskrit, Telugu, Marathi & Gujarati; *Add* : Dept. of Sanskrit, Saugar Univ., Sagar.

TIWARI, (Dr) Shrawan Kumar — Asstt. Director, Physics Coll, BHU; *b* 15 January 1934 at Mannipur in Dist. Gorakhpur; *Edn*: M. Sc. (Spectroscopy) in 1961 & Ph. D. in 1968 from BHU; *Pub*: Books — Vidyut aur Chumbaktav, Ushma aur Ushma Gatiki; other articles; *Exp*: BHU; *Mem*: Indian Science Congress, BHU Optical Society; *Knows*: Hindi, English, Sanskrit & Urdu; *Add*: Physics Cell, BHU, Varanasi-5.

TIWARI, (Dr) Udai Narain — Prof. & Head, Dept. of Hindi, Jabalpur Univ. since December 1961; *b* 1 July 1905 at Pipar Panti in Dist. Baliya; *Edn*: M. A. (Hindi) 1932 from Agra Univ., M. A. (Pali) in 1939 & M. A. (Philology) in 1941 from Calcutta Univ.; D. Litt. in 1945 from Allahabad Univ.; *Resch Exp*: So far supervised over 30 students for Ph. D.; *Pub*: Numerous papers mostly on Bhojpuri; books — Kavitavali Bhumika, Ras Panchadhyayai, Veer Kavya etc.; *Honours*: ex-Genl. Secy. of Hindi Sahitya Sammelan; awardee of Deva Puraskar, U. P. Govt. cash award; *Exp*: Allahabad Univ. 1945-61; *Mem*: Linguistic Society of India (President), Linguistic Society of America; *Visited*: USA, UK, France, Germany, Austria, USSR etc.; *Knows*: Sanskrit, Pali, Prakrit, Apbhransha, Greek, English, French, Hindi, Urdu & Bengali; *Add*: Dept. of Hindi, Jabalpur Univ., Jabalpur.

TIWARI, Vidyya Shankar — Principal, Aranya Bharti Arts & Commerce College, Baihar since 1966; *b* at Nagpur; *Edn*: M. A. (Sociology) in 1963 from Hislop College; M. A. (Hindi) in 1965 & D S. W. (Tribal Welfare) in 1967. *Resch Exp*: For over 5 years; *Pub*: Place and functions of Eunuchs in Society, Religion and Magic in Maria Gond Community etc.; *Exp*: Pratibha High School, Nagpur; Shri Ram High School, Nagpur; Jai Hind Vidyalaya, Nagpur; *Mem*: Kanyakubja Welfare Samiti, Vice-President of Moon Light Club (Nagpur); *Genl*: Associated with many social and cultural organisations; *Knows*: Hindi, English & Marathi; *Add*: C/o Hari Shankar Tiwari, Near Mayo Hospital Gate, Nagpur-2.

TODMAL, (Dr) Haribhau Kisanrao — Principal, K. B. P. College, Urun Islampur since June 1965, *b* 10 February 1925 at Jeur in Dist. Ahmednagar; *Edn*: M. A. (Marathi) in 1954 & Ph. D. (Narrative poems in Marathi literature 1850-1950) from Poona Univ.; *Pub*: Book of Ph. D. thesis and many articles; *Exp*: Ahmednagar College, Ahmednagar 1954-60; Chh. Shivaji College, Satara 1960-62; Pandharpur College, Pandharpur 1962-65; *Mem*: Senate & Academic Council of Shivaji Univ., Maharashtra Sahitya Parishad, Wangmya Vihar Mandal; *Knows*: Marathi, English, Hindi & Sanskrit; *Hobb*: Reading; *Add*: K. B. Patil College, Urun Islampur (M. S.)

TOPE, Trimbak Krishna — Principal, Govt. Law College, Churchgate, Bombay since November 1958; *b* 5 January 1914 at Yeota in Dist. Nasik; *Edn*: M. A. (Sanskrit) in 1938 with 3 prizes from Wilson College, Bombay & LL. B. in 1940 from Govt. Law College, Bombay; *Resch Exp*: For over 15 years; *Pub*: A book on The Constitution of India; more than 50 articles; *Honours*: Part-time member of Law Commission of India, Perry Prof. of Jurisprudence at Govt. Law College, Bombay; *Exp*: Prof. of Sanskrit, Ruia College, Matunga, Bombay 1939-47; Prof. of Law, Govt. College, Bombay since 1947; *Mem*: Syndicate of Bombay Univ. for many years; Asiatic Society of Bombay; President of Maharashtra Samajik Parishad; Secy. of Bombay Presidency Social Reforms Association for several years; *Visited*: Poland, Germany, France & UK; *Hobb*: Gardening; *Knows*: Marathi, English, Sanskrit & Hindi; *Add*: Angre Wada, Kalbadevi Road, Bombay-2.

TOPIWALA, Chandrakant Amritlal — Dept. of Gujarati, Navjivan Arts & Commerce College, Dohad since 1965; *b* 7 August 1936 at Baroda; *Edn*: M. A. (Gujarati) in 1960 winning B. K. Thakor Gold Medal from St. Xaviers' College, Bombay; *Pub*: Maheramana—anthology of original poems; papers in Sanskriti, Ruchi, Vishva Manva, Sangnya etc; *Exp*: K. H. Madhavani Arts & Commerce College, Porbandar 1961-65; *Knows*: Gujarati, Hindi, English & Sanskrit; *Add*: Navjivan Arts & Commerce College, Dohad, Gujarat.

TRIPATHI, (Dr) Chhavi Nath — Reader, Dept. of Hindi, Kurukshetra Univ. since October 1966; *b* 15 August 1923 at Shrikarpur in Dist. Chapra; *Edn* : Shastracharya (Jyotisha) in 1945 with first class first & Gold Medal from BHU; M.A. (Sanskrit) in 1955 & M.A. (Hindi) in 1957 from D.A.V. College, Dehra Dun; Ph. D. (Sanskrit) in 1961 from Agra Univ. & Ph. D. (Hindi) in 1966 from Kurukshetra Univ.; *Pub* : Over 25 research articles on Jain-culture, Sanskrit, Prakrit, Apabhransha and Hindi literature; *Honours*: Awarded by Hindi Sahitya Samiti, Dehra Dun in 1951; *Exp* : Hindi Vidya Bhawan, Dehra Dun for 9 years; Birla Arts College, Pilani for 1 year; B.D, College, Kushinagar for 3 years; joined Kurukshetra Univ. in 1961; *Mem* : Faculty & Board of Studies of Kurukshetra Univ.; Founder Director of Hindi Vidya Bhawan (D. Dun), Founder Secy. of Janapad Hindi Sahitya Sammelan (Dehra Dun), member of Prayag Mahila Vidyapith, Hindi Sahitya Sammelan etc.; *Knows* : Sanskrit, Pali, Apabhransha, Hindi, Bengali & English; *Add*: Dept. of Hindi, Kurukshetra Univ., Kurukshetra.

TRIPATHI, Gopal — Asstt. Prof. of Social Work, Kashi Vidyapeeth since 1967; *b* 6 January 1937 at Kateyan in Dist. Shahabad; *Edn* : M.A. (Pol. Sc.) in 1960 & Dip. in French in 1960 from BHU; M.A.S. in 1964 from Kashi Vidyapith; *Resch Exp* : In behaviour disorders among children of middle class families, tribal communities of Bihar; *Pub* : A few articles; *Exp* ; Social Education Organisers Training Centre, Belurmath 1965-67; *Mem* : Participated in several functions and seminars on community development and social welfare, supervisor for field work; *Knows* : Hindi, English & French; *Add* : School of Social Work, Kashi Vidyapeeth, Varanasi.

TRIPATHI, (Dr) Kunja Bihari — Principal, G.M. College, Sambalpur since July 1967; *b* 1 September 1911 at Banki in Dist. Cuttack; *Edn* : M.A. (Sanskrit) in 1934 with Gold Medal & Prize from Patna Univ.; Ph. D. (Indo-Aryan Philology) in 1952 from London Univ.; *Resch Exp* : Guiding research work for past 5 years; *Pub* : A book 'The Evolution of Oriya Language & Script' and many articles; *Exp* : Ravenshaw College, Cuttack; Rajendra College; *Mem* : Royal Asiatic Society, Philological Society, The Asiatic Society; *Genl* : Keenly interested in Indo-Aryan, Dravidian & Oriyan dialects etc.; *Knows* : Sanskrit, Pali, Oriya, Bengali, Hindi & English; *Visited* : UK; *Hobb*: Deciphering inscriptions; *Add* : G.M. College, Sambalpur.

TRIPATHI, (Dr) Lal Bachan—Head, Dept. of Phil. & Psy., Gorakhpur Univ. since June 1967; *b* 15 September 1935 at Dharahara in Dist. Ballia; *Edn* : M.A. (Psy) in 1955 & D.C.P. (Clinical Psy) in 1955 from BHU & Ph. D. (Psy) in 1963 from McGill Univ., Canada; *Resch Exp* : Guiding several research students; *Pub* : Stimulus generalisation of Conceptual Responses etc.; *Exp* : D.A.V. College, Azamgarh 1956-57; D.J. College, Baraut 1957; Jodhpur Univ. 1963-64; Mc Gill Univ. 1961-62;*Mem*: Indian Psychological Association, several Univ. bodies; *Knows*: German, Hindi, Sanskrit, English & Urdu; *Visited* : Canada, USA; *Add*: Munshi Colony, Civil Lines, Gorakhpur.

TRIPATHI, Padma Charan — Principal, Ramadhin Sanskrit College, Berhampur since 1958; *b* 5 March 1925 at Bhagirathipur in Dist. Ganjam; *Edn* : Madhyama (Jyotish) in 1947 from Bolangir Sanskrit Tol; Sastri in 1950, Acharya in 1952 and Acharya (Sahitya) in 1956; *Pub*: Upanayana Padhati, Hindi-Oriya Dictionary, Muhurta Ratnakar, Ghruha Pravesh Padhati, Griya Panchang for 65-66, Dasa Mahabidya, Joymini Sutra etc.; *Exp* : Bhela High School, Bhela 1945-47; Ramadhin Sanskrit Tol 1948-1955 and 1955-57; *Mem* : Orissa Sanskrit Parishad, Orissa Sanskrit Council, Jyotish Moderation Board etc.; *Knows* : Hindi, Oriya & Sanskrit; *Add* : Old Berhampur Street, Berhampur-2.

TRIPATHI, (Dr) Ram Murti — Head, Dept. of Hindi, Vikram Univ. since November 1966; *b* 4 January 1929 at Nibi Kalan in Dist. Varanasi; *Edn* : M.A. (Hindi) in 1956 & Ph. D. in 1959 from BHU; *Resch Exp* : For 10 years; *Pub* : Books —Vyanjan aur Navin Kavita, Bhartiya Sahitya Darshan, Sahityashastra ke Pramukh Paksh, Lakshan aur uska prasar, Hindi Sahitya ka Itihas, Chhayawad kavya, Kala aur Darshan, Adhunik Hindi Samiksha; and several others, *Exp* : Oriental College, BHU 1954-1960; Arts College, BHU 1960; Arts College, Saugar Univ. 1960-66; *Mem* : Associated with several linguistic and social bodies; *Knows* : Hindi, Sanskrit, English & Urdu; *Hobb* : Study of literature; *Add* : Plot No. 144, New Colony, Melupura, Varanasi.

TRIPATHI, (Dr.) Vidya Bandhu — Asstt. Prof. of Geography, V.S. S.D. College, Kanpur; *b* 2 November 1929 at Kanpur; *Edn* : M.A. (Geog) in 1953 from Agra Univ. & Ph. D. in 1962 (Land Utilization in Kanpur Dist.); *Resch Exp* : For over 10 years; *Pub* : Books — Sansar ka Adhunik Bhugol, Australia evam New Zealand, Uttar Pradesh ka Bhugol; numerous papers; *Exp* : Started with VSSD College, Kanpur in 1956; *Mem* : Indian Science Congress, other educational bodies; *Knows* : Hindi, English, Sanskrit & Urdu; *Hobb* : Books-writing and research; *Add* : 117/641, Santosh Sadan, Pandu Nagar, Kanpur.

TRIPATHY, (Dr) Ram Niranjan—Prof. & Head, Dept. of Econ., Ranchi Univ. since January 1967; *b* 1 April 1920 at Sabalpur in Dist. Saran; *Edn* : M. A. (Econ) in 1945 with first class first from Patna Univ. & Ph. D. (Public Finance) in 1957 from London School of Economics; *Resch Exp* : For past 18 years; guided numerous research students; *Pub* : Fiscal Policy & Economic Development in India, Federal Finance in a Developing Economy, Public Finance in Underdeveloped Countries, Investment Criteria in Planned Development, Local Finance in a Developing Economy; *Exp* : Rajendra College, Chapra; Ranchi College, Ranchi; Patna College, Patna; National Council of App. Econ. Research; *Mem* : Indian Economic Association; a few Univ. bodies; *Knows* : English, Hindi & Sanskrit; *Visited* : UK, France & W. Germany; *Add* : Dept. of Economics, Ranchi Univ., Ranchi.

TRISAL, (Dr) Pran Nath—Dept. of Hindi, J & K Univ., Jammu since 1967; *b* 2 August 1937 at Srinagar; *Edn* : M. A. (Hindi) in 1960 from J & K Univ., Srinagar & Ph. D. (Linguistics) in 1964 from K. M. Institute of Hindi Studies & Linguistics, Agra; *Resch Exp* : For ten years in Kashmiri language; *Pub* : Kashmiri Word Phonology and other papers; *Exp* : Started with J & K Univ. and for 1962-65 at Srinagar branch; *Mem* : Experts Cttee for Standardisation of Devnagari script; *Genl* : Interested in astrology and modern science; *Knows* : Hindi, Urdu, Kashmiri, English & Russian; *Add* : Hindi Dept., J & K Univ., Jammu.

TRIVEDI, (Dr) Chimanlal Shivshankar—Head. Gujarati Dept., St. Xavier's College, Ahmedabad since 1958; *b* 2 June 1929 at Mujpur in Dist. Mehsana; *Edn* : M A. (Gujarat) in 1952 winning Dalpatram Gold Medal and Dhruv Prize from L. D. Arts College, Ahmedabad and Ph. D. in 1961 from Elphinstone College, Bombay; *Pub* : Pingal Darshana, Alankardarshana, Apanan Khandkavyo, Mamerun, Sudama Charita, Abhimanyu Akhyan, Poet Nakar etc.; *Exp* : L. D. Arts College, Ahmedabad 1950-52; Elphinstone College, Bombay 1952-58; *Mem* : Secy., Gujarati-no-Adhyapak Sangh; member of Gujarati Sahitya Parishad; *Knows* : Gujarati, Hindi & English; *Add* : St. Xavier's College, Ahmedabad-9.

TRIVEDI, Hariharprasad Chimanlal — Principal, Sheth M. N. Sc. & Shri & Shmt. P. K. K. Arts College, Patan since 1964; *b* 21 March 1921 at Kapadwanj in Dist. Kaira; *Edn*: M. A. (English) in 1945 from Gujarat College & Dip. in App Ling. in 1965 from Univ. of Edinburgh; *Resch Exp*: For several years in comparative linguistics; *Pub*: A Study of Indian English Translation of a Gujarati short story; *Exp*: M. T. B. College, Surat 1945-46; Petlad College, Petlad 1946-47; V. P Mahavidyalaya, V. V. Nagar 1947-53; L. D. Arts College, Ahmedabad 1953-64; *Mem*: American Research Institute and several Univ. bodies; *Knows*: English, Gujarati & Hindi; *Visited*: UK, France, Germany, Switzerland and Italy; *Add*: 7, Pragna Society, Navrangpura, Ahmedabad-9.

TRIVEDI, Hasmukhrai Keshavlal — Principal, City Arts College, Ahmedabad since June 1963; *b* 24 August 1933 at Kolavda in N. Gujarat; *Edn*: M. A. (Econ) in 1957 from Gujarat Univ.; *Pub*: Text books on Principles of Economics, Economic Systems; translated 'Government Finance'; *Honours*: Lord Gerret Prize; *Exp*: V. P. Arts & Science College, Vallabh Vidyanagar; Sir L. A. Shah Law & Arts College, Ahmedabad; *Mem*: Indian Economic Association, Chairman of Board of Studies in Labour Welfare at Gujarat Univ. and member of Academic Council; *Knows*: English, Gujarati & Hindi; *Add*: City Arts College, Laldarwaza, Ahmedabad.

TRIVEDI, Ram Naresh—Head, Dept. of Pol. Sc., Ranchi Univ. since January 1962; *b* 14 September 1926 at Utrasandi in Dist. Darbhanga; *Edn*: M. A. (Pol Sc) in 1951 from Patna Univ. & M. Sc. (International Relations) in 1954 from London School of Economics; *Resch Exp*: In the working of traditional and statutory village panchayats in tribal areas of Ranchi Dist.; Director of Planning Commission Research Project; guided many research scholars; *Pub*: Books—Indian Administration, Indian National Movement & Indian Constitution; a few papers on Indian foreign policy, international relations; *Exp*: Ranchi College, Ranchi 1954-61; *Mem*: American Pol. Sc. Association (Genl. Secy. & Treasurer); *Genl*: Keenly interested in youth welfare & social activities; *Knows*: Hindi & English; *Visited*: UK; *Add*: Dept. of Pol. Sc., Ranchi Univ., Ranchi.

TRIVEDI, Ramanlal Shankerlal — Principal, M. B. Patel College of Education, Vallabh Vidyanagar since 1963; *b* 24 January 1921 in Dist. Kaira; *Edn*: M.A., M. Ed.; *Exp*: Secondary School, Baroda 1941-50; M.S. Univ. of Baroda 1950-52; Lecturer 1952-55 & Prof. 1955-61 at A.G. Teachers' College, Ahmedabad; Principal, Prakash College of Arts & Education, Ahmedabad 1961-62; Prof., Sec. Teachers' Training College, V.V. Nagar 1962-63; Reader, P.G. Dept. of Education 1963-64; *Pub*: Books — Teaching of Mother Tongue, Grammar & Composition in Gujarati, Reading Material in English, Techniques of Teaching English; edited — Community Resources. Experimental Projects; a few research schemes, project reports, translations; edited journals, magazines, papers and articles; research work; directed seminars and workshops; participated in conferences and seminars; *Mem*: Of various educational, social & Govt. bodies; *Add*: M.B. Patel College of Education, S.P. Univ., Vallabh Vidyanagar, Gujarat.

TRIVEDI Shivbihari Shivprasad — Principal, Kusum Mahavidyalaya, Seoni-Malwa since June 1966; *b* 1 August 1920 at Betul Gunj in Dist. Betul; *Edn*: M.A. (Hindi), B.T. & M. Ed. from Nagpur Univ.; *Resch Exp*: In Brij Bhasha Sahitya; *Pub*: A few papers in magazines; *Honours*: Sahitya Ratna; founder editor of 'Rekha' Monthly from Nagpur; *Exp*: H.B.S. High School for 8 years; P.G. Teachers' Training College, Nagpur for 2 years; M.G.M. College, Itarsi for 6 years; *Mem*: Chairman, Hindi Sahitya Samiti (Seoni-Malwa); President of Dist. Badminton Association & Hoshangabad Dist. Hockey Association; member of several other social and educational bodies; *Knows*: Hindi, English & Marathi; *Hobb*: Organising clubs and societies; *Sports*: Championship in football, hockey, badminton and chess; *Add*: Kusum Mahavidyalaya, Seoni-Malwa, M.P.

TRIVEDI, Vasantrai Jatashanker — Prof. & Head, Dept. of English, Gujarat College, Ahmedabad since 1949; *b* 16 December 1918 at Kukad in Dist. Ahmedabad; *Edn*: M.A. (English) in 1941 from Bombay Univ.; *Pub*: Poems and articles in English, several junior classes text books; *Exp*: Samaldas College, Bhavnagar 1942-49; *Mem*: Senate, Academic Council, Board of Studies (Chairman) in Journalism in Bombay & Gujarat Univ., American Research Centre, Hyderabad; *Knows*: English, Gujarati, Sanskrit, Marathi & Hindi; *Hobb*: Philosophy, painting and architecture; *Add*: Rector's Bungalow, Ahmedabad.

TULPULE, (Dr) S. G. — Head, Dept. of Marathi, Poona Univ. since 1950; *b* 5 February 1914 at Poona; *Edn*: M. A. (Marathi) in 193- & Ph. D (Marathi Linguistics) in 1940 from Bombay Univ.; *Resch Exp*: For over 20 years; guiding numerous Ph. D. students; *Pub*: Yadavakalina Marathi Bhasha, Pacha Santa-Kavi, An Old Marathi Reader, A Corpus of Old Marathi Inscriptions, Lila-Caritra, Gurudeva Ranade: Life & Philosophy, Ranade: A Modern Mystic; *Exp*: Poona Univ.; *Mem*: Chairman of Board of Studies in Marathi in Poona Univ. and member of Board of Studies in Marathi in Bombay, Nagpur, Karnatak, Delhi, Baroda, Osmania Univ. etc.; other several educational forums; *Knows*: Marathi, English, Sanskrit & Hindi; *Hobb*: Bridge, music and travelling; *Add*: Dept. of Marathi, Poona Univ., Poona.

TYAGI, (Dr) Atma Ram — Prof. of Public Admn., National Academy of Administration, Mussoorie since July 1968; *b* 1 May 1924 at Barkali in Dist. Muzaffarnagar; *Edn*: M.A. (Pol. Sc.) in 1946 & LL. B. in 1945 from BHU; Ph. D. (Pub Admn) in 1963 from Panjab Univ.; *Pub*: Public Administration Principles & Practice, Scientific Method in Public Aministration, Rights & Civil Servants, Role of Civil Service in India, Role of Public Service Commission in India etc. and several others; *Genl*: Post-doctoral fellow at Univ. of Pennsylvania in 1964; *Exp*: Panjab Univ. 1946-68; *Mem*: Indian Council of World Affairs, Indian Institute of Public Administration, American Political Science Association; *Knows*: Hindi, rdu, Panjabi, English & French; *Visited*: USA 1964; *Hobb*: Studying child psychology and writing stories for children; *Add*: National Academy of Administration, Mussoorie.

TYAGI, (Dr) R.P.S. —Prof. & Head, Dept of Surgery, College of Vety. Medicine, Hissar since May 1964; *b* 10 January 1933 at Narangpur in Dist. Meerut; *Edn*: M.S. (Surgery) in 1959 from Michigan Univ. & Ph.D in 1962 from Minnesota Univ.; *Resch Exp*: For 6 years; *Pub*: About 25 papers; *Exp*: U.P. Vety. College, Mathura; Vety. College, Hissar; Punjab Agrl. Univ.; teaching experience of over 22 years; *Mem*. Dean of Faculty since 1966, Academic Council of Panjab Agrl. Univ.; member of other Univ. bodies; *Knows*: English, French, Russian & Hindi; *Visited*: USA, UK, France for higher studies; *Add*: College of Vety. Medicine, Hissar, Haryana.

U

UDAY SHANKER — Principal, College of Education, Kurukshetra since August 1966; *b* 20 January 1914 at Khairpur in Dist. Rohtak; *Edn* : M.A. (Psy) in 1940 with first class first from Forman Christian College, Lahore; Dip. Edn. in 1948 & M.A. (Edn) in 1950 from London Institute of Education, London; *Resch Exp* : Guided many Ph. D. and M. Ed. students; *Pub* : Books — Development of Personality, Problem Children, A Study of Child Delinquincy, The Mentally Retarded Child, Individual Scale of Intelligence besides over 45 papers in Indian and foreign journals; *Exp*: Forman Christian College, Lahore for 2 years; Central Institute of Education, Delhi for 9 years; Govt. Training College, Jullundur for 3 years; *Mem* : Sectional President of All India Psychologists Conference & All India Educational Conference ; member of Indian Science Congress; participated in International Conference on World Crisis in Education held in USA in October 1967; *Genl* : Wrote chapter on Child Psychology on request of WHO; experienced psychiatrist; *Knows* : English, Hindi, Urdu & Punjabi; *Visited* : UK, France, Belgium, Holland, Italy, UAR, Switzerland, USA for research and study ; *Add* : c/o Shri C.B. Gupta, Ex- M.L.C., Advocate, D.L.F. Colony, Rohtak.

UDUPA, (Dr) Handady Venkatakrishna — Scientist-in-Charge, CECRI, Karaikudi since August 1967; *b* 18 October 1921 at Handady in Dist. S. Kanara; *Edn* : M. A. (Chem) in 1945, M. Sc. in 1947 from Madras Univ., A.M. (Industrial Chem) in 1948 from Columbia Univ., Ph. D. (Electrolytic reduction of some nitro and carbonyl compounds) in 1950 from Ohio State Univ., A.R.I.C. in 1947 from Royal Institute of Chemistry, London; F.I.C. in 1967 from Institution of Chemistry, India; *Resch Exp* : In Dyestuffs and dye intermediates, industrial chemistry, textile chemistry and electrochemistry; *Pub* : Over 200 research papers, articles and reviews in Indian and foreign journals; *Honours* : Merit Promotion to Dy. Directorship in 1965; Rs. 1000/- awarded by Inventions Promotion Board for production of benzidines; other prizes and certificates etc.; *Exp* : Scientific Asstt., CSIR Scheme, Presidency College, Madras; ATIRA, Ahmedabad; *Mem* : Phi Lambda Upsilon, The Electrochemical Society (USA), Comite International de Thermodynamique et de Cinetique Electrochemiques, Indian Science Congress; member of several cttees of I.S.I. and Ministry of Defence; *Knows*: Kannada, English, German & French; *Visited* : USA, UK, France & Switzerland ; *Add* : C.E. C.R.I., Karaikudi-3.

UDUPA, (Dr) Katil Narasimha — Prof. of Surgery & Principal, College of Medical Sciences, BHU since 1960; 28 July 1920 at Katil in Dist. South Kanara; *Edn:* M.S. (Surgery) in 1948 from Univ. of Michigan Medical School (USA), FRCS in 1948 from Royal College of Physicians and Surgeons of Canada, FACS in 1958 from American College of Surgeons, FAMS in 1966 from Indian Academy of Medical Sciences; *Resch Exp*: For over 20 years; *Pub*: A text book-Principles of General Surgery, a monograph on Biology of Fracture Healing; besides over 80 research papers; *Exp*: Civil Surgeon, Mandi Dist. 1949-54; Harvard Univ., USA & Peter Bent Brigham Hospital, USA 1954-55; Snowdon Hospital, Simla 1955-58; Chairman, Ayurvedic Research Evaluation Cttee 1958-59; Prof. of Surgery & Principal, College of Ayurveda, BHU 1950-60; Rector of BHU during 1967; *Mem* : Association of Surgeons of India, Indian Association for Advancement of Medical Education; *Visited*: USA 1947-49 & 1954-55, Canada 1949 & UK; *Add* : College of Medical Sciences, BHU, Varanasi-5

UMAMAHESWARAN, (Dr) V. — Prof. & Head, Dept. of Surgery, Madras Vety. College since March 1967; *b* 30 November 1922 at Coimbatore; *Edn* : Dr. Med. Vet. in 1957 from College of Vety. Sciences, Hannover, W. Germany; *Resch Exp* : For several years in cattle diseases; *Pub* : Thesis and a few papers; *Exp* : For past 17 years at Madras Vety. College; *Knows* : Tamil, English, German & Sanskrit; *Visited* : W. Germany, UK, Switzerland, Italy etc. for studies and touring; *Add* : 102, Sri Ramakrishnamath Road, Madras-28.

UMAR, (Dr) Sarfaraz — Head of Engg. Maths., A.M.U. since 1965; *b* 10 July 1926; *Edn* : M. Sc. (Maths) in 1947 with first class first and Ph. D. in 1967 from AMU; *Resch Exp* : For nearly 15 years; *Pub* : Some contributions to the theory of trigonometric series, on Fourier effective matrix etc.; *Exp* : Of 20 years P. G. teaching in Maths. at AMU; *Mem* : Indian Mathematical Society, Allahabad Mathematical Society; *Genl* : Recipient of Gold Medal in M. Sc.; *Knows* : English, French, Hindi & Urdu; *Add*: Dept. of Engg. Maths., A.S.D., A.M.U., Aligarh.

UNNITHAN, (Dr) T. K. Narayanan — Prof. & Head, Dept. of Sociology, Univ. of Rajasthan since 1961; *b* 21 April 1927 at Thonackadu in Kerala; *Edn* : M.A. (Sociology) in 1949 & LL. B. in 1949 from Lucknow Univ.; M. S. Sc. (Sociology) in 1956 from International Institute of Social Studies, The Hague & D. Litt. in 1956 from Univ. of Utrecht, Netherlands; *Resch Exp* : In traditions of Non-violence in East & West, socio-ecological and economic study of some major cities of Rajasthan, aspirational levels and changing values of youth in Rajasthan etc.; *Pub* : Books Gandhi & Free India, Towards a Sociology of Culture in India, Sociology for India besides numerous papers; *Honours* : Gold Medallist from Lucknow Univ., Wilhelmina Buck Memorial Gold Medal 1949; *Exp* : Delhi School of Economics 1957-59; P.G. School of Planning & Arch., Delhi 1959-61; *Mem* : Indian Sociological Association, American Sociological Association, Kerala Sahitya Parishad, Seva Mandir (Udaipur), member of Academic Council, Research Board of various universities; member of Govt. cttees and bodies; *Genl* : Ex. member of Rajasthan Jail Reforms Commission, attended Inaugural Conference of International Peace Research Association (1965), attended World Congress of Sociology held at Evian; *Knows* : Malayalam, Hindi, Sanskrit, Tamil, English & Russian; *Visited* : UK 1952-53, Holland 1953-56, Netherlands 1965, Germany 1965; Austria, Greece, France, Belgium, Switzerland & Italy; *Hobb* : Palmistry and painting; *Add* : Thottamon House, Thonackadu, Via Puliyoor, Kerala.

UPADHYAY, Anirudh — Principal, Govt. Central Wood Working Institute, Bareilly since 1957; *b* 4 November 1923 at Sherpur Kalan in Dist. Ghazipur; *Edn* : Dip. in Wood Working in 1946 from Govt. Wood Working Institute, Allahabad; *Resch Exp* : In air-seasoning of timber, designing of furniture suitable for hilly areas etc.; *Pub* : Books — Kastha Kala, Audhunik Kastha Yantra, Kuteer Kashthi Shilpa, Kastha Garet (2 parts), Lakari per polish etc.; *Exp* : For 20 years at Allahabad & Bareilly; *Knows* : English, Hindi, Bengali & Urdu; *Add* : Govt. Central Wood Working Institute, Bareilly.

UPADHYAY, (Dr) Shree Nath — Prof. & Head, Dept. of Obst: & Gynae., Patna Univ. since 1960; *b* 23 June 1915 at Patna; *Edn* . MBBS in 1941, M.D. in 1945 from Patna Univ.; MRCOG in 1948 from London; FICS in 1959 from International College of Surgeons, USA; FACS in 1962 from American College of Surgeons, USA; FRCOG in 1963 from Royal College of Obste. & Gynae., London; *Resch Exp* : For nearly 30 years; *Pub* : papers on subjects like anaemia in pregnancy, blood picture in the new born, hexamethonium bromide therapy in toxaemias of late pregnancy, congenital malformations etc.; *Exp* : Lecturer 1948-54 & Prof. 1954-60 at P.W. Medical College, Patna; *Mem* : Senate, Academic Council & Syndicate of Patna Univ.; appointment cttees in BHU & Calcutta Univ ; President of Bihar Obst. & Gynae. Society; Chairman of All India Obst. Gynae. Conference in 1966; member of Bihar State Family Planning Cttee, Indian Medical As sociation, Indian Society of Endocrinology & Metabolism, Medical Council of India etc.; *Knows* : Hindi & English; *Visited*: UK; *Add* : Kankarbagh Road, Patna-1.

UPADHYAY, (Dr) Sudhansu Kumar — Principal-Supdt., B. S. Medical College & Hospitals, Bankura since July 1967; *b* 1 January 1917 at Howrah; *Edn*: M.B. in 1941, D.P.H. in 1944 & D.T.M. in 1946 from Calcutta Univ.; M. Sc. in 1958 from Harvard Univ., USA; *Resch Exp*: In epidemiology; *Pub*: Medical Education in India, Geriatrics in India. Changing place of Medicine etc.; *Exp*: For past 20 years at Calcutta Medical College; N. R. S. Medical College; Bankura Sammilani Medical College: *Mem*: Rifle Club, Public Health Association of India; *Knows*: English, Hindi, Bengali and Sanskrit; *Visited*: USA, Yugoslavia & European countries; *Hobb*: Games and music; *Add*: 15/1, Ghosal Bagan Lane, Salkia, Howrah.

UPADHYAY, (Dr) Surendra Nath — Dept. of Psychology, R.S. Univ. since 1966; *b* 14 August 1940 at Andila in Dist. Deoria; *Edn*: M.A. (Psy) in 1962 from Gorakhpur Univ. & Ph. D. (Psy of Learning) in 1965 from BHU; *Resch Exp*: In empirical study of symbolic process-transfer in Learning Double Alternation Mazes by human subjects; *Pub*: Numerous papers; *Exp*: BHU for 3 years; *Mem*: Indian Science Congress; *Knows*: Hindi & English; *Add*: Dept. of Psychology, R.S. Univ., Raipur.

UPADHYAYA, K. Narasimha—Principal & Prof. in Jyothisha Shastra, S.M.S.P. Sanskrit College, Udipi since October 1962; *b* 4 June 1907 at Kunjibettu in Dist. Udipi; *Edn*: Shiromani (Jyotisha) in 1934 from S.M.S.P. Sanskrit College, Udipi; *Resch Exp*: For 20 years in oriental astronomy; *Pub*: On Mathematics Theorems current in olden days, Zodiac System as viewed by Varahamihira, Paryaya Panchanga of Sri Krishnapura Mutt; *Honours*: Jyotish Vidwan; *Exp*: Teaching for past 35 years; since 1933 at S.M.S.P. Sanskrit College; *Mem*: Jyothisha & Ayurveda Board of Examiners of Madras Univ., Mysore Univ. and other Univ. bodies; Mysore Ayurvedic & Unani Practitioners Board; *Knows*: Sanskrit, Kannada, English and Tulu; *Hobb*: Practising ayurvedic vaidya; *Add*: S.M.S.P. Sanskrit College, Udipi, S.K.

UPADHYAYA, (Dr) Nagendra Nath — Dept. of Hindi, BHU since July 1963; *b* 7 May 1932 at Purani Bazar, Jaunpur; *Edn*: M.A. (Hindi) in 1954 & Ph. D. (Nath aur Sant Sahitya ka Tulnatmak Adhyayan) in 1961 from BHU; *Pub*: Tantrik Baudh Sadhna aur Sahitya, Nibandhyna etc.; *Exp*: Nalini & Arvind Arts College, Vallabh Vidyanagar for 4 years; *Genl*: Specialisation in Buddhist Apabhransa literature, Nath literature, Sant and Sufi literature of Bhaktikal etc.; *Mem*: Nagari Pracharini Sabha, Sri Aurobindo Society; *Knows*: Bengali, Hindi, Sanskrit & English; *Hobb*: Visiting historical and ancient religious places; *Add*: Dept. of Hindi, BHU, Varanasi-5.

UPADHYAYA, (Dr) Ramaji — Head, Dept. of Sanskrit, Univ. of Saugar since 1947; *b* 1 July 1920 at Nawanagar in Dist. Ballia; *Edn*: M.A. (Sanskrit) in 1941 with first class first & D. Phil. in 1945 from Allahabad Univ.; D. Litt. (Cultural background of ancient Indian literature) in 1963 from Saugar Univ.; *Resch Exp*: Guided 25 Ph. D. students; *Pub*: Books — Sanskrit & Prakrit Mahakavyas, Bharatasya Sanskritik-nidhi, Dua Supurna, Sanskrit Sahitya ka Alochanatmak Itihas, Sanskrit Nibandhavali etc.; *Exp*: Teaching experience of over 22 years including P.G. and research guidance and for past 15 years at Univ. of Saugar; *Mem*: A few social and educational bodies; *Add*: Dept. of Sanskrit, Univ. of Saugar, Sagar.

URS, (Dr) M. Basavaraj — Principal & Prof. of Medicine, J. N. Medical College, Belgaum since 1967; *b* 11 November 1911 at Mysore; *Edn*: MRCP in 1949 & FRCP in 1967 from Royal College of Physicians, Glasgow; DTM&H in 1949 from School of Tropical Medicine & Hygiene, London; *Pub* Several papers; *Exp*: Prof., Medical College, Mysore, 1951-61; Prof., Medical College, Bangalore 1961-66; *Mem*: Association of Physicians of India; Senate, Academic Council, Syndicate of Karnatak & Mysore Univ.; Dean of the Faculty of Medicine in both universities; *Knows*: Kannada & English; *Visited*: UK; *Hobb*: Golf and gardening; *Add*: J.N. Medical College, Belgaum.

V

VABLE, Dattatrey—Principal, Dayanand College, Ajmer since 1958; *b* 19 June 1909 at Gangapur in Dist. Ahmednagar; *Edn*: M. A. (Pol Sc) in 1934 & LL. B. in 1934 from Lucknow Univ. & M. A. (History) in 1944 from Agra Univ.; *Pub*: Books —Two way Traffic, Modern India & Hinduism, Rashtriya Charita Aur Ekta besides numerous articles in newspapers and journals; *Exp*: Joined Dayanand College, Ajmer in 1945 and since then held different positions; *Mem*: Chairman, Indian Red Cross Society (Ajmer Branch); Secy., International Council of Arya Smaj Educational Institutions; member of many other social and educational bodies; *Knows*: Hindi, Marathi, Panjabi & English; *Visited*: USA, UK, France, UAR, Belgium, Switzerland, Germany & Pakistan under Leader Exchange Programme; *Add*: 6 B, Muir Colony, Alwar Gate, Ajmer.

VACHASPATI—Prof. of Physics & Head of Dept., Allahabad Univ. since 1965; *b* 23 November 1924 at Delhi; *Resch Exp*: In theoretical physics since 1946; *Pub*: More than 100 papers; *Add*: Dept. of Physics, Allahabad Univ., Allahabad.

VAGALE, L. Ramachandrasa — Prof. & Head, Dept. of Planning, School of Planning & Archi., Indraprastha Estate, New Delhi since July 1963; *b* 5 June 1922 at Bangalore; *Edn*: M. S. (City and Regional Planning) in 1953 from Univ. of Illinois, USA; *Resch Exp*: In urban and regional planning and housing for past 15 years; *Pub*: Several papers in international journals; *Honours*: Consultant to UN on Urban & Regional Planning in Asia; *Exp*: City Planner: Pace Associates, Chicago USA 1952-54; Govt. of Mysore 1954-56; Asst. Prof. of Planning 1956-63 and Prof. since 1963 at New Delhi; *Mem*: Institute of Town Planners (Past Secy. and now Vice-President), Vice-President of the Regional Science Association; Assoct. member of Town Planning Institute (UK); *Knows*: English, Hindi, Kannada & Sanskrit; *Visited*: USA, UK, France, W. Germany, USSR, Poland, Sweden, Switzerland, Greece, Italy, the Netherlands, Japan, Thailand, Lebanon, Ceylon etc. to study their town planning; *Add*: School of Planning & Archi., Indraprastha Estate, New Delhi-1.

VAHIDUDDIN, (Dr) Syed—Prof. & Head, Dept. of Philosophy, Delhi Univ. since January 1967; *b* 9 August 1909 at Hyderabad; *Edn*: Ph. D. (Phil) in 1937 from Marburg (Germany); *Resch Exp*: For nearly three decades; *Pub*: Experience of Values; numerous articles in international journals; *Exp*: Total teaching of nearly 30 years; formerly Prof. & Head of the Dept. of Osmania Univ., Hyderabad; *Mem*: Indian Philosophical Congress; *Knows*: Urdu, English, German, French & Persian; *Visited*: Germany, France, USA for study and lecture tour; *Add*: Dept. of Phil., Univ. of Delhi, Delhi-7.

VAIDYA, Vamanrao Baburao—Prof. & Assoct. Head, Dept. of Archi., School of Planning & Archi., Indraprastha Estate, New Delhi; *b* 15 September 1915 at Baroda; *Pub*: A book 'Introduction to Architecture' and numerous papers on multi-storey office buildings, exteriors of buildings etc.; *Exp*: For past nearly 25 years at School of Planning & Archi.; attended several seminars in USA; private practice at Bombay, Baroda and presently at Delhi; *Mem*: Indian Institute of Architects, American Institute of Architects; *Knows*: English, Marathi, Gujarati & Hindi; *Visited*: USA and all over Europe; *Hobb*: Painting, writing poetry and study of literature; *Add*: 5/7, Lucknow Road, Delhi-7.

VAINU BAPPU, (Dr) Manali Kallat—Director, Kodaikanal Observatory, Kodaikanal since 1960; *b* 10 August 1927 at Madras; *Edn*: M. Sc. in 1949 from Madras Univ., A. M. (Astronomy) in 1950 & Ph. D. (Astrophysics) in 1952 from Harvard Univ., USA; *Resch Exp*: Carnegie Post-doctoral Fellow; *Pub*: Numerous publications on stellar spectroscopy, solar physics and physics of comets etc.; *Exp*: Director, U. P. State Observatory 1954-60; Visiting Professor to Univ. of Arizona & Kitt Peak National Observatory; guide for Ph. D. in many Indian universities; *Mem*: American Astronomical Society, Astronomical Society of Pacific, Royal Astronomical Society, Indian Academy of Sciences, National Institute of Sciences of India, International Astronomical Union (its Vice-President); *Knows*: English, Hindi, Malayalam, French & German; *Visited*: USA 1949-52, 1961 & 1963; W. Germany, Czechoslovakia, Australia; *Hobb*: Painting and golf; *Add*: Kodaikanal Observatory, Kodaikanal-3.

VAIRANAPILLAI, (Dr) M. S. — Prof. of History & Culture, I.I.T., Madras-36 since 1962; *b* 27 June 1907 at Madurai; *Edn*: M. A. (History) in 1932 from Univ. of Chicago & Ph. D. (History) in 1936 from Univ. of Illinois, USA; *Resch Exp*: For over 35 years; *Pub*: Books—A Concise World History, Are we two Nations?, Mahatma Gandhi for the Millions, Sixty Books on India, Communism Challenges Christianity; translated Bertrand Russell's Conquest of Happiness into Tamil; *Honours*: Phi Beta Kappa; *Exp*: Forman Christian College, Lahore 1937-48; Thiagarajar College, Madras 1949-59; Gandhi Gram Institute, Madurai 1948-49; *Mem*: Phi Kappa Phi, Phi Beta Kappa; *Genl*: Selected for IFS by the UPSC but did not join; *Knows*: Tamil, English & French; *Visited*: USA 1930-36; Europe, other major countries of the world; *Add*: Dept. of History, I.I.T., Madras-36.

VAJPAYEE, Vipin Vihari — Principal, Govt. Teachers' Training College, Ajmer since July 1967; *b* 9 August 1923 at Vallabhnagar in Dist. Udaipur; *Edn*: M. A. (English) in 1946 from Agra Univ., M. A. (Hindi) in 1948 from Nagpur Univ., B. Ed. in 1954 from Rajasthan Univ.; *Pub*: Chirkali, Sipahi Dada, Char Kathayen, Hamari Parampara, Hindi Gadya Padya Prabha, Prerna ke Sarot besides numerous papers; *Exp*: Fateh High School, Udaipur; High School, Begun; Lambardar High School, Udaipur; K. P. High School, Udaipur; Multipurpose Hr. Sec. School, Dungarpur; Multipurpose Hr. Sec. School, Nathdwara; Govt. Teachers' Training College, Bikaner; State Institute of Education, Udaipur; *Mem*: Faculty of Education, Nationalisation Board of Education (Rajasthan), Board of Secondary Education; *Knows*: Hindi & English; *Add*: Govt. Teachers' Training College, Ajmer.

VAKIL, Chandulal Nagindas—Director, Central Board of Reserve Bank of India & Director of Industrial Development Bank of India since January 1962; *b* 22 August 1895; *Edn*: M. A. (Econ) with second class first winning Telang Gold Medal from Bombay Univ.; M. Sc. (Econ) in 1921 from Univ. of London; *Pub*: Books on Financial Developments in Modern India (1860-1924), Financial Burden of the War on India. Economic Consequences of Divided India, Planning for an Expanding Economy, Poverty & Planning, Foreign Investment in India besides several other publications and research papers; *Exp*: Asstt. Prof. 1921-27, Prof. 1927-30 in Univ. of Bombay; Director, School of Economics & Sociology, Bombay 1930-56; Director of Unesco agencies 1957-60; *Mem*: Indian Economic Conference (President 1934), Economic Advisor to Govt. of India (1945-46), President of many conferences and participated in others; several UN, Govt. of India and other international cttees; *Add*: 14 Kalpana, 96, Marine Drive, Bombay-2.

VAKIL, (Dr) Rustom Jal — Consultant Cardiologist; *b* 17 July 1911 at Bombay; *Edn*: MRCS, LRCP 1934, MBBS (London) 1934, MRCP (London) 1936, FRFPS (Glasgow) 1937, M. D. (London) 1937, DTM&H (London) standing first in the London Univ.; *Pub*: Over 300 medical papers in Indian and foreign journals; Books—The Romance of Healing and other Essays, The Heart in Health & Disease (2nd Edn), Our Glorious Heritage, Clinical Diagnosis (2nd Edn); *Honours*: Recipient of Lasker Award 1957, Padma Bhushan 1958, awardee of 29 Medals, prizes and Scholarships including the Solly Medal, The Mead Medal, Symour Graves Toller Medal, Wainwright Medal, Lalcaca Univ. Gold Medal; *Exp*:

Tata Institute of Fundamental Research 1940-41; J. J. Hospital & Grant Medical College for 2 years; K.E.M. Hospital & G. S. Medical College for 15 years; *Mem*: Royal College of Physicians, Royal Faculty of Physicians & Surgeons (Glasgow), American College of Physicians, International College of Angiology, American College of Chest Physicians, National Institute of Sciences, Academy of Sciences (India) and other international medical associations; *Knows*: English, French & Gujarati; *Visited*: Most of the European countries; *Add*: Standard Bldg., 346, Hornby Road, Bombay-1.

VALAM, (Smt) Ha Ki — Poetess; *b* 24 August 1922 at Tiruchirrapalli in Tamil Nadu; *Edn*: B.A. (English) from Panjab Univ., Prabhakar (Hindi) & Visharad (Sanskrit); *Pub*: Books in Tamil Poetry — Mohana Muruval, Mohana Murali, Mohana Vani, Mohana Amudham, Sri Venkatesasuprapatham, Thirumal Thiru Aayiram, Senkathir Thuthi, Baja Govindam etc., Mohana Leelai, Azakin Alali, Vadi Vazahi Thiru Aayiram, Vallabar Vazkai; other books — Vow of Panchali, Mohana Latika, Bhaja Govindam and numerous others under publication; *Mem*: Bhandarkar Institute, PEN, Writers' Association (Madras); *Knows*: Tamil, Hindi, English & Sanskrit; *Add*: 11, Colaba Chambers, Wodehouse Road, Colaba, Bombay-5 or 76, North Andar St., Teppakulam P.O., Tiruchirapalli-2.

VANIKAR, Vinayak Sakharam — Madhyamik Shikshan Mahavidyalaya, Bhavnagar since June 1966; *b* 8 January 1906 at Keshavganj in Rajasthan; *Edn*: M A (Phil) in 1934 with first position in Univ. from Fergusson College, Poona; B.T. from S.T.T. College Baroda; *Resch Exp*: Guided many M Ed students; *Pub*: The Study of Psychology, Logic, General Psychology (for different classes,) Social Psychology; written many books for high school students; *Genl*: Research at Amalner Institute of Indian Philosophy; *Exp*: A.G. Teachers' College, Ahmedabad; L.D. Arts College, Ahmedabad; *Mem*: Of a few social and educational bodies; *Knows*: Gujarati, Marathi, Hindi, Sanskrit & English, *Add*: Madhyamik Shikshan Mahavidyalaya, Bhavnagar-2.

VARADACHARI, (Dr) Venkatadri-Agaram — Reader in Sanskrit, S.V. Univ. since 1963; *b* 15 June 1914 at Kancheepuram in Tamil Nadu; *Edn*: M.A. (Sanskrit) in 1941 from Madras Univ. winning three Gold Medals; Ph. D. in 1958 from Madras Univ.; *Pub*: Books — Self Sanskrit Teacher, A History of Sanskrit Literature, (in Hindi & English also), Sakuntalacharita, Ramayanasamprabha besides about 50 papers in Tamil, Sanskrit & English. *Exp*: Loyola College, Madras 1940-59; joined S.V. Univ. in 1959; *Mem*: of many educational and social bodies; *Knows*: Sanskrit, English, Tamil & French; *Hobb*: Karnatak music; *Add*: 146, G.S. Street, Tirupati.

VARADARAJAN, (Dr) M. — Prof & Head, Dept. of Tamil, Madras Univ. since 1961; *b* in 1912 at Tirupattur in Dist. N. Arcot; *Edn*: M.A. (Tamil) in 1943, MOL in 1945 & Ph. D. in 1948 from Madras Univ.; *Pub*: Mozhi Nool, Mozhiyiyal Katturaigal, Ilakkiya Marabu, Ilakkiya Tiran etc.; *Honours*: President's Award in 1963 for novel 'Agal Vilakku' and several State prizes for novels and collections; *Exp*: Pachaiyappas College, Madras 1939-47; Univ. of Madras 1947-48; Pachaiyappa's College 1948-60; *Mem*: Sahitya Akademi (New Delhi), Bharatiya Bhasha Samiti (Delhi), Tamil Development Council of Madras Govt., Language Commission of Madras Govt.; Senate, Academic Council & Board of Studies in Madras, Mysore, Bangalore, Annamalai & Kerala Univ.; *Knows*: Tamil & English; *Visited*: Ceylon, USSR & Malaysia; *Hobb*: Writing fiction and essays; *Add*: Sellammal Street, Shenoynagar P.O., Madras-30.

VARMA, (Dr) Birendra — Dept. of History, Patna Univ. since 1954; *b* 20 March 1931 at Patna; *Edn*: M.A. (History) in 1952 & Ph. D. (East India Co. & the Afghans 1757-1800) from Patna Univ.; *Resch Exp*: In modern Indian history; *Pub*: Books — Policy of East India Co. towards the Afghans 1757-1800; translation of History of South India by Dr. K.A.N. Sastri; papers on Afghan Sikh relations, Timur Shah and the Sikhs and other subjects; *Exp*: Started with Patna Univ.; *Knows*: Hindi. English & Bengali; *Hobb*: Travelling to places of historical interest; *Add*: Dept. of History, Patna College, Patna.

VARMA, (Dr) Harish Chandra — Head, Dept. of Anatomy, M.L.N. Medical College, Allahabad since July 1961; *b* 25 September 1923 at Barabanki in U.P.; *Edn*: M.S. (Anatomy) in 1951 from K.G. Medical College, Lucknow; M.S. in 1955 & Ph. D. in 1960 from Univ. of Wisconsin; *Resch Exp*: In fine structure of foetal membranes and mechanism of transport across them, sterility, habitual abortions, IUCD insertions, development of human ear; *Pub*: About 25 research papers; *Exp*: House Surgeon 1945-46, Demonstrator 1946-48, Lecturer 1948-52, Reader 1952-61 at K.G. Medical College, Lucknow; *Mem*: Indian Science Congress, American Association of Advancement of Science, Sigma Xi, founder member of Anatomical Society of India, (Secy. 1958 and editor of its Journal since 1961 and Treasurer since 1964); *Honours*: Awardee of Rockefeller Foundation Fellowship 1954-56; *Knows*: English, Hindi, German & French; *Visited*: USA, UK and other European countries; *Hobb*: Light reading; *Add*: Dept. of Anatomy, M.L.N. Medical College, Allahabad.

VARMA, (Dr) Manmohan—Prof. & Head, Dept. of Education, Gorakhpur Univ. since 1957; *b* 1 July 1911 at Indore; *Edn*: M. A. (English) in 1934 from Allahabad Univ.; Dip. Ed. in 1937 & M. Ed. in 1938 from Patna Univ.; M. Ed. 1939 from Edinburgh, UK; Ph. D. (Edn) in 1957 from Nagpur Univ.; *Resch Exp*: For past 20 years; *Pub*: Co-author of Teaching of English in India. An Introduction to Educational & Psychological Research, Methodolgy of Individual Differences besides 50 papers; *Exp*: Intermediate Colleges in U. P.; Teachers' College, Indore; War Office (Civilian Testing Officer); Rehabilitation Ministry; Central Institute of Education, Delhi; Nagpur Univ.; *Mem*: Psychometric Society of USA, Dean of Education in Nagpur Univ. 1954-57, Dean of Arts Faculty, Gorakhpur Univ. 1961-64; *Genl*: Did translation of literature from French & English into Hindi; *Knows*: Hindi, English, French & Urdu; *Visited*: UK, USA; *Hobb*: Writing for journals and making translations; *Add*: Dept. of Education, Gorakhpur Univ., Gorakhpur.

VARMA, Paras Nath — Vice Principal, D. H. Medical College & Hospital, Dinapur Cantt. (Patna) since June 1968; *b* 15 September 1937 at Dinapur; *Edn*: M. Sc. (Techy) in 1961 from Calcutta Univ.; *Resch Exp*: In pharmaceutical evaluation of vegetable plants, standardization of vegetable extractives etc.; *Pub*: Several papers; *Honours*: Gold Medal from Patna Univ. in Chem. Hons.; *Exp*: Started with D. H. Medical College & Hospital; *Mem*: Pharmacopoeia Cttee of Govt. of India, State Pharmacy Council, State Drugs Advisory Cttee, Bihar Pharmaceutical Association (Secy), All India Hom. Research Association and other medical bodies; Indian Science Congress, Indian Standards Institute; *Knows*: Hindi, Bengali, English & German; *Add*: Dalvar House, Dinapur Cantt, Patna.

VARMA, Pari Purnanand — Social worker and educationist; *b* 7 February 1907 at Varanasi; *Edn*: Shastri in 1927 from Kashi Vidyapith; *Resch Exp*: In crime, delinquincy etc.; *Pub*: Books—Crime, Criminal & Convict; Apradh, Apradhi aur Abhiyukt; Patan ki Paribhasha, Oudh ka Patan, Pran-Dand, History of 1857 Revolution, Nana Phadnavis, My Funeral, She was not Ashamed and several others; *Exp*: Started with Prem Maha Vidyalaya, Varindaban in 1927; at present President of many educational Institutions; editor of Sainik, Daily Lokmat, Prema, Penal Reformer, Sandesh, Twentieth Century at some stages; *Mem*: All India Congress Cttee; Chairman of U. P. Jail Reforms Evaluation Cttee; Chairman,

Policy Cttee of U. P. Govt.; President of U. P. Crime Prevention Society; Genl. Manager of Bharti Bima Ltd.; Chairman of Rajasthan Jails Reforms Commission; President of All India Crime Prevention Society; Director of L. R. Engg. Works Ltd., Kanpur; member, Central Co-ordination Cttee of Central Bureau of Investigation, Govt. of India etc.; Vice-President of First U. N. O. Congress on Prevention of Crime & Treatment of Offenders; *Visited*: USA, Germany, Italy, France, Switzerland, Egypt etc.; *Add*: Jalipa Devi, Varanasi-1. or Behari Niwas, Kanpur.

VARMA, Phuldeo Sahay—Editor, Hindi Vishwakosh, Nagari Pracharini Sabha, Varanasi since 1961; *b* 11 February 1889 at Konsar in Dist. Saran; *Edn*: M. Sc. (Chem) in 1916 with 2nd rank in the Univ. of Calcutta & A.I.I.Sc. (Splitting of oils and fats) in 1919 from Indian Institute of Science, Bangalore; *Resch Exp*: Over 50 research papers mostly on halogenation of organic compounds; author or editor of more than 40 books (5 in English and the rest in Hindi); *Exp*: BHU, Prof. of Chem. 1919-46 & Principal, College of Techy., 1947-51; Univ. Inspector of Colleges, Bihar Univ. 1952-58; *Mem*: Sectional President of All India Hindi Sahitya Sammelan & Bihar Prantiya Hindi Sahitya Sammelan; President of Vigyan Parishad; founder member of Indian Chemical Society; formerly member of numerous Univ. bodies of BHU; *Knows*: Hindi, English & German; *Hobb*: Gardening; *Add*: D 61/21 D, Sidhgir Bag, Varanasi-1, or Shakti Niwas, Boring Road, Patna-1.

VARMA, (Dr) R. S.—Prof. & Head, Dept. of Maths. & Stats., Delhi Univ. since 1962; *b* 1 February 1905 at Azamgarh in U. P.; *Edn*: M. Sc. (Maths) in 1927 & D. Sc. (Parabolic cylinder function) in 1938 from Allahabad Univ., exempted from Ph. D.; *Res ch Exp*: For past over 40 years and guiding numerous research students; *Pub*: Over 60 research papers on subjects like Functions of Real Variables, Special Functions, Fluid Mechanics, Aerodynamics. Ballistics, etc.; *Exp*: Allahadad Univ. 1929-30; Christ Church College, Kanpur 1931-38; Lecturer 1938-46 & Reader 1946-49 at Lucknow Univ.; Sr. Scientist 1949-55, Principal Scientific Officer 1955-59; & Director for, 1959-62; at Defence Science Lab., Delhi; *Mem*: National Institute of Sciences of India, Indian Academy of Sciences, American Mathematical Society, Expert Cttee of UGC; Sectional President of Indian Science Congress (1961), President of Bharat Ganit Parishad (1964-65), President of Indian Mathematical Society (1966-67); Director of many Summer Institutes & several Univ. bodies; *Knows*: Hindi & English; *Visited*: Australia; *Add*: Dept. of Maths. & Stats., Delhi Univ., Delhi-7.

VARMA, (Dr) Ramesh Chandra — Principal, T. N. Degree College, Tanda since July 1968; *b* 1 February 1920 at Bhagmalpur in Dist. Jaunpur; *Edn*: M.A. (History) in 1943 & D. Phil. in 1964 from Allahabad Univ.; *Resch Exp*: In the problems of North-west Frontier during the 16th and 17th centuries; *Pub*: Foreign Policy of the Great Mughals, Modern England (Hindi), Naya Rasta etc.; *Exp*: For 20 years at K.G.K. College, Moradabad; *Mem*: Faculty, Academic Council of Agra Univ.; *Knows*: Hindi, English & Persian; *Hobb*: Novel-reading and social service; *Add*: Vill. & P.O. Bhagmalpur, Dist. Jaunpur, U.P.

VARMA, (Dr) Shanti Narayan — Prof. & Head, Dept. of African Studies, Delhi Univ. since August 1961; *b* 14 April 1907 at Lucknow; *Edn*: M.A. (Pol Sc) in 1931 from Lucknow Univ., M.A. (History) in 1940 from Agra Univ. & Ph. D. (International Relations) in 1952 from Columbia Univ.; *Resch Exp*: Guiding research since 1955; *Pub*: Books and monographs — Govt. of India under the Act of 1935, Tanganyika: A Background Study, Pattern of Political Authority in Africa and others; over 30 articles, reviews and papers; *Exp*: D.A.V. College, Kanpur; *Mem*: Academic Council, Court of Delhi Univ.; Executive Cttee of Indian Council of World Affairs; African Studies Association (New York), International Pol. Sc. Association, International Institute of Differing Civilizations, Indian Political Sc. Association, Fellow of African Studies Association (USA), International African Institute (UK) etc.; *Knows*: English, Hindi & French; *Visited*: UK, Europe, Africa during 1958; USA; *Add*: Dept. of African Studies, Univ. of Delhi, Delhi-7.

VARMA, (Dr) Shyama Charan — Principal, R.M.P.P.V. College, Gurukal-Narsan since July 1963; *b* 26 May 1907 at Shahjahanpur in U.P.; *Edn* : M. Sc. (Bot) in 1930 from Lucknow Univ. & Ph. D. (Bot) in 1935 from London Univ.; *Resch Exp* : For over 25 years; *Pub* : About 15 papers on upper Gangetic flora, crop plants, nitrogen contents of leaves, sugarcane composition etc.; *Honours* : R.S.N.C. Kapoor Medal in 1960; *Exp* : Lucknow Univ. 1935-38; Agrl. College, Mandalay (Burma) 1938-40; Agrl. College, Kanpur 1949-50; A.S. Jat College, Lakhaoti 1958-60; *Mem* : Several scientific and social bodies; *Knows* : English & Hindi; *Visited* : UK & Burma; *Hobb* : Plant collection; *Add* : R.M.P.P.V. College, Gurukul Narsan, Saharanpur.

VARMA, (Dr) Vrajeshwar — Director, Central Hindi Institute, Agra since February 1963; *b* 13 September 1913 at Nabiganj in Dist. Mainpuri; *Edn* : M.A. (Hindi) in 1940, L.T. in 1942 & D. Phil. in 1945 from Allahabad Univ.; *Resch Exp* : In medieval devotional poetry; guiding many Ph. D. students; *Pub* : Surdas, Sur Sushama, Hindi ke Vaishnava Kavi, Bharatiya Sanskriti ka Vikas, Hindi Sahitya (3 volumes), Hindi Bhartiya Bhashaon ka Bhasha Shastriya Adhyayan, Bharatiya Sahitya ka Tulnatmak Adhyan besides several others; Novels-Samarkand ki Sundari, Har ya jeet, Akhiri Salaam etc.; *Exp* : Education Dept. of U.P. Training Schemes for 6 years; Allahabad Univ. for 15 years; *Mem* : Bharatiya Hindi Parishad (Sectional President in 1965); *Knows* : Hindi, English, Urdu, Sanskrit, Gujarati & Bengali; *Add* : 25/58, Gandhinagar, Agra-3.

VARSHNEY, Kishori Lal — Head Master, Govt. Normal School, Baghra since January 1960; *b* 24 July 1914 at Aligarh; *Edn* : M.Sc. (Geog) in 1939, LL. B. in 1940 & B.T. in 1941 from AMU; *Pub* : Economic Geography of India, Practical Geography etc.; *Exp* : Govt. Inter College, Mussoori; Govt. Inter College, Pithoragarh; Govt. Inter College, Lucknow; Govt. Training College, Varanasi; Govt. Teachers Training College, Allahabad; *Genl* : Keenly interested in social and community welfare work; *Knows* : English, Hindi & Urdu; *Hobb* : Cooking etc.; *Add* : Vill. Dhantoli, Dist. Aligarh.

VARSHNEY, (Dr) Kunj Behari Lal — Prof. & Head, Dept. of Hindi, Gujarat Vidyapith since June 1965; *b* 2 June 1933 at Aligarh; *Edn* : M.A. (Hindi) in 1958 from AMU & Ph. D. (Hindi) in 1964 from Bombay Univ.; Sahityaratna in 1953 from Hindi Sahitya Sammelan; *Resch Exp* : For ten years in Hindi literature of medieval ages; *Pub* : Rashtrabhasha ki Samasya, Etihasik Vivechan aur Gandhiji ka Drishtikon; thesis under print; delivered numerous talks on AIR; *Exp* : Shreyas Public School for 6 years; Shreyas College, Ahmedabad 1960-63; *Mem* : A few social bodies; *Knows* : Hindi, English & Gujarati; *Add* : Dept. of Hindi, Gujarat Vidyapith, Ahmedabad-14.

VARSHNEY, (Dr) (Miss) Sarojini — Reader in Education, Teachers' Training College, BHU since 1954; *b* 31 October 1923 at Aligarh; *Edn* : D.T. in 1943 from Lucknow Univ.; M. Ed. in 1945 & M.A. (English) in 1947 from Allahabad Univ., Ph.D. in 1965 from Univ. of Utah, USA; several other courses in Child Development, Pre-School Education etc. on Fellowships; *Resch Exp* : Guiding Ph. D. and M. Ed. work; supervised several research projects; *Pub* : A few papers on fatigue, rationale of testing, delinquincy etc.; *Honours* : U.P. Govt. Scholarship, Unesco Fellowship, A.A.U.W. Fellowship; *Exp* : Joined BHU in 1947 as Lecturer, presently the senior-most Reader in the Univ.; *Mem* : National Association of Teacher Educators, Indian Science Congress, Delta Kappa Gamma Society (USA), Altrusa (USA), American Association of Univ. Women; *Genl* : Has several 'firsts' to her credit throughout the career; *Knows* : Hindi, English, Urdu, Spanish & Sanskrit; *Visited* : UK, USA, Holland, Germany, Italy, France, Austria, Japan & Thailand; *Hobb* : Travelling; *Add* : Dept. of Education, Teachers Training College, BHU, Varanasi.

VASHIST, Shankar Dat — Principal, The Technological Institute of Textiles, Bhiwani since 1963; *b* 4 January 1904 in West U.P.; *Edn*: M.Sc. in 1928 from Muir Central College, Allahabad & M. Sc. (Tech) in 1930 from College of Techy., Manchester, UK; *Resch Exp* : For Past 3 decades in applied chemistry, textile chemistry etc.; *Pub* : Author of Analysis & Testing of Textiles from Fibre to Fabric besides several papers in technical journals; *Exp* : Nearly 40 years of teaching, industrial, managerial and research experience; *Mem* : Fellow of Textile Institute (Manchester), Royal Institute of Chemistry, (UK), Royal Asiatic Society; Dean of Faculty of Engg. & Techy. in Panjab Univ.; Technologists Textile Control Board of Govt. of India; examiner to various other universities: *Visited* : UK, Scotland, Ireland, France, Germany, Italy & Switzerland; *Knows* : English, Hindi, Gujarati & German; *Hobb* : Deeply interested in philosophy and spirituality; *Add* : Technological Institute of Textiles, Bhiwani, Haryana.

VASUDEVAN, (Dr) Ramaswami — Asstt. Prof. of Metallurgy, I.I.T., Madras since April 1965; *b* 6 May 1935 at Madras; *Edn* : M.A. (Physics) & M Sc. (X-Ray Crystallography) from Univ. of Madras; D I.I. Sc. (Met.) in 1959 from Indian Institute of Science, Bangalore; Doktor-Ingenieur (Met) in 1962 from W. Germany; *Resch Exp* : For over 5 years; *Pub* : Several research papers in German and English technical magazines; *Exp* : Joined I.I.T., Madras in 1963 and Lecturer for 1963-65; *Mem* : Association of German Engineers, Association of German Metallurgists, Indian Institute of Metals; *Knows* : English, German and other Indian languages; *Visited* : UK, France, Benelux countries, Germany, Switzerland, Scandinavian countries, Austria, Italy etc.; *Hobb* : Music; *Add* : 7, Station View Road, Kodambakkam, Madras-24.

VENKATACHALAM, (Dr) P. S.—Dy. Director, I. C. M. R., New Delhi since August 1965; *b* 10 December 1923 in Dist Palghat, Kerala; *Edn* : M. D. in 1957 from School of Public Health Tropical Medicine, Sydney; *Resch Exp* : For over 25 years; *Pub* : Above 80 research papers in the field of clinical, experimental and public health nutrition; *Honours* : Awarded ICMR Basanti Devi Amir Chand Prize in 1953; *Exp* : Nutrition Research Laboratories, Hyderabad; *Mem* : New York Academy of Sciences, A. P. Academy of Sciences, Indian Dietetic Association, Royal Society of Medicine, Society of Biological Chemists of India, ICMR, Nutrition Panel of WHO, Infants Foods Sub-Cttee of ISI, other Govt. Cttees; *Knows* : English, Tamil & Malyalam; *Visited* : Australia, UK, Switzerland & Italy; *Add* : Indian Council of Medical Research, Ansari Nagar, New Delhi-16.

VENKATAKRISHNAN, (Dr) R. — Prof. of Animal Nutrition, Madras Vety. College, Madras since October 1965; *b* 1 August 1928 at Vittalore in Dist. Tanjore; *Edn* : B. V. Sc. in 1951, M. Sc. in 1960 & Ph. D in 1965 from Madras Vety. College; *Resch Exp* : For over 15 years; *Pub* : Two thesis, five popular articles and about 20 research papers; *Exp* : Vety. College, Madras 1954-63 and again since 1964; Agrl. College & Resch. Institute, Coimbatore 1963-64; *Mem* : Nutrition Society (London); *Knows* : Tamil, Hindi, English, French & Sanskrit; *Hobb* : Farming and volley-ball etc.; *Add* : Plot No. 59, R.V.K. Street, Anna Nagar, Madras-30.

VENKATAPPA, (Dr) M. P. — Reader in Physical Chemistry, Karnatak Univ. since September 1967; *b* 16 November 1927 at Madhugiri in Dist. Tumkur; *Edn* : M. Sc. in 1952 from Mysore Univ. & Ph.D. in 1965 from Univ. of Illinois, USA; *Resch Exp* : For over 5 years in chemical modification of proteins for biological activity and sedimentation studies for X-Ray investigations; *Pub* : A few papers; *Exp* : Mysore Univ. 1950-61 and 1965-66; Univ. of Illinois 1961-65; Bangalore Univ. 1966-67; *Mem* : Society of Biological Chemists; *Knows* : Kannada, Telugu, English, French & German; *Visited* : USA 1961-65 for higher studies; *Hobb* : Philosophy and art; *Add* : Dept. of Physical Chem., Karnatak Univ., Dharwar-3.

VENKATARAMANA, Yendamuri — Principal, Badruka College of Com. & Arts, Hyderabad since June 1966; *b* in January 1911 at Kakinada in A.P.; *Edn*: M.A. (History) in 1935 from Madras Univ. & B. Ed. in 1935 from Andhra Univ.; *Pub*: Text books on Civics & Indian History, Telugu translation of Tagore's Chitrangda; papers on Andhra History and literature, early Telugu drama, Velanati Cholas, evolution of Telugu grammar etc.; *Exp*: For past 30 years at Andhra, S.V., Osmania & Delhi Univ., founder Principal of S.V. College at Delhi (1961-66); *Mem*: All India Oriental Conference; *Genl*: Keen interest in Hindu religion *Knows*: Telugu, English & Sanskrit; *Add*: Badruka College of Com. & Arts (Evening), Hyderabad-27.

VENKATARAMIAH, K. M. — Principal, K.V.S.S. Kalloori, Tirupanandal since June 1945; *b* 4 April 1911 at Karambakkam in Dist. Chingleput; *Edn*: M.A. (Tamil) in 1940. BOL in 1939 from Madras Univ.; *Pub*: Slakkiyakkeni, Solarkalattu Arasiyal Thalaivargal, Kal ezhthukkalil etc.; *Exp*: at K.V.S.S. Kalloori, Tirupanandal; *Mem*: Senate of Madras Univ.; ctees of a few educational institutions; *Knows*: Tamil, Telugu & English; *Add*: K.V.S.S. Kalloori, Tirupanandal, Tamil Nadu.

VENKATASUBBIAH, G.—Prof of Kannada, Vijaya College, Bangalore; *b* 28 August 1914 at Mysore; *Edn*: M. A. (Kannada) in 1938 & B.T. in 1939 from Maharaja's College, Mysore; *Resch Exp*: In the history of Kannada literature; *Pub*: Numerous books and articles, criticism, edited works, children's books and translations; *Exp*: For past 30 years at Maharaja's College, Mysore & Vijaya College, Bangalore; *Knows*: English, Sanskrit, Kannada & Telugu; *Add*: Pampamahakavi Road, Chamarajapet, Bangalore-18.

VENKATASUBRAHMANYAN, (Dr) T. R. — Asstt. Prof. of Education, Technical Teachers' Training Institute since October 1966; *b* 16 January 1927 at Tiruvesaloor in Dist. Thanjavur; *Edn*: M. Ed. in 1955 from Meston Training College, Madras; M. A. (Psy) in 1963 with first class first from Annamalai Univ. & Ph. D. in 1967 from Lucknow Univ.; *Pub*: Book — Basic Education: Its Why & How; numerous papers, seminar reports and guide books. *Honours*: Cash Award of Rs. 1250/- from Govt. of India on Correlated Teaching; UGC Fellowship 1964-66; *Exp*: S. S. High School, Konapet 1949-51; V. V. High School, Ponnamaravathi 1952-54; Vivekananda Training College, Tirupparaithurai 1955-60; Teachers College, Sri Ramakrishna Vidyalaya P. O. 1960-1964; Lucknow Univ. 1964-66; *Knows*: Tamil & English; *Hobb*: Music and painting; *Add*: Dept. of Education, Technical Teachers' Training Institute, 7, Mayurbhanj Road, Calcutta-23.

VENKATASWAMY, (Smt.) Sharada Bai — Principal, Govt. City Science College, Hyderabad since February 1968; *b* 1 July 1916 at Hyderabad; *Edn*: M. Sc. (Bot) in 1940 with 2nd class 2nd & Dip. Ed. in 1944 winning Mehdi Nawab Jung's Special Prize from Osmania Univ.; *Pub*: The Organisation & Administration of Comprehensive Training College etc.; *Exp*: City High Schools and of Dist. 1944-58; Principal, Govt. Training College, Warangal 1958-62. Principal, Govt. Women's College, Guntur 1962-64; Govt. Training College, Warangal 1965-68; *Mem*: Secy., All India Women's Conference (Warangal); Indian Association of Teacher Educators; President of A. P. Gazetted College Teachers' Association (Warangal Unit); *Knows*: English, Urdu & Telugu; *Hobb*: Gardening and poultry; *Add* 11-6-794, Red Hills, Hyderabad.

VENKATESWARLU, (Dr) Kunapuli — Head, Dept. of Physics, Kerala Univ. since May 1961; *b* 3 June 1916 at Nuzvid in Dist. Krishna; *Edn*: M. Sc. in 1939 with first class first & D. Sc. in 1946 from Andhra Univ.; *Resch Exp*: For nearly 3 decades; *Pub*: Over 150 research papers on molecular spectroscopy, solid state physics and bio-physics etc.; *Honours*: Recipient of Metcalfe Gold Medal in M. Sc.; *Exp*: For nearly 25 years at Andhra Univ., Annamalai & Kerala Univ.; *Mem*: Institute of Physics (London), Indian Academy of Sciences; *Knows*: English, German, Telugu, Tamil & Malyalam; *Visited*: UK, USA, Norway, Belgium & Germany; *Add*: 29-23-23, Tadepallivari St., Suryaraopet, Vijayawada-2.

VENKATESWARLU, (Dr) Varanasi — Prof. & Head, Dept. of Chemistry, A. U. College of Engg., Waltair since December 1965; *b* 21 November 1920 at Gudivada in Dist. Krishna; *Edn*: M. Sc. (Org Chem) in 1941 & D. Sc. in 1946 from Andhra Univ.; Ph. D. in 1952 from Liverpool Univ.; *Resch Exp*: For over 30 years; *Pub*: About 100 research papers and articles in reputed journals; *Honours*: Sripathi Gold Medal in 1940, British Council Scholar 1950-53; *Exp*: Joined Andhra Univ. in 1942 and since then held different positions; *Mem*: Royal Institute of Chemistry, Indian Science Congress, Indian Chemical Society; *Knows*: English, Telugu & German; *Visited*: UK, France, Switzerland, Germany & Austria; *Hobb*: Horticulture and astrology; *Add*: 47-10-11 Dwarkanagar, Waltair, A. P.

VENKATESWARULU, Vidvan Bulusu — Dept. of English, P. R. Govt. College, Kakinada; *b* 18 October 1917 at Kakinada; *Edn*: M. A. (English) in 1956 with first class first from Nagpur Univ., M. A. (English Drama) with first class first in 1960 from Bihar Univ. & M. A. (English Novel) in 1961 with second class first from Ranchi Univ.; *Resch Exp*: In 18 Puranas and Telugu literature; *Pub*: Lives of Ancient Indian Saints (in 10 volumes), Adhyatma Ramayana, Mahabharta, The Bhagvata, Satakas (35 in all), Telugu Standard Dictionary; about 100 research papers and articles; several Sanskrit Dramas; *Exp*: Lecturer in Telugu upto 1956 and in English since 1956; for past 25 years at P. R. Govt. College, Kakinada; *Knows*: Sanskrit, Telugu, Hindi & English; *Add*: Dept. of English, P. R. Govt. College, Kakinada.

VERMA, (Dr) Ajit Ram—Director, National Physical Laboratory, New Delhi since May 1965; *b* 20 September 1921 at Lucknow; *Edn*: M. Sc. (Physics) in 1942 from Allahabad Univ. & Ph. D. in 1952 from London Univ.; *Resch Exp*: For past over 15 years; *Pub*: Crystal Growth & Dislocations, Polymorphism & Polytypism in Crystals; over 50 research articles in international journals; *Honours*: S. S. Bhatnagar Award 1964; *Exp*: London Univ. 1950-52; Research Fellow, London Univ. 1952-55; Delhi Univ. 1955-59; BHU 1959-65; *Mem*: Fellow of National Institute of Sciences of India, member of numerous Cttees of Govt. of India and other educational bodies; *Knows*: English & Hindi; *Visited*: USA & USSR to preside over international conferences on crystal growth; *Add*: National Physical Lab., Hillside Road, New Delhi-12.

VERMA, (Dr) Alakh Prakash—Reader in Maths., M. S. Univ. of Baroda since August 1967; *b* 21 May 1937 at Satna in M. P.; *Edn*: M. Sc. (Maths) in 1957 from Allahabad Univ, Ph. D. (Problems on flows of groundwater in heterogenous medium) in 1967 from Vikram Univ.; *Resch Exp*: For over 5 years in petroleum technology and water hydrology; *Pub*: 15 papers; *Exp*: Mahakoshal Mahavidyalaya, Jabalpur 1958; Vikram Univ. 1959-67; *Mem*: Indian Science Congress, National Academy of Sciences, Allahabad Mathematical Association, Indian Society of Theoretical & Applied Mechanics; *Knows*: Hindi & English; *Hobb*: Academic interests; *Add*: c/o Shri R. S. Verma, Nirbhay-Ashram, Rewa-Road, Satna.

VERMA, (Dr) G. S. — Reader in Physics, Allahabad Univ. since August 1966; *b* 5 January 1927 at Sultanpur; *Edn*: M. Sc. (Physics) in 1947 & D. Phil. (Ultrasonics) in 1953 from Allahabad Univ.; *Resch Exp*: For past nearly 25 years in Solid State Physics and ultrasonics; guided 8 students for Ph. D. and many still working; *Pub*: A text book on An Introduction to Accoustics; over 70 research papers; *Exp*: For past over 20 years at Allahabad Univ., joined it in 1949; *Mem*: Sigma Psi (USA), Reviewer of Applied Mechanics of America, American Physical Society, Accoustical Society of America; *Knows*: English, Hindi & Urdu; *Visited*: USA 1957-59 and 1962-63; Holland, France 1965; *Hobb*: Music; *Add*: Dept. of Physics, Allahabad Univ., Allahabad.

VERMA, (Dr) Gujjar Mal — Sr. Scientific Officer (I), A.F.D. Unit, Min. of Defence, Najafgarh Road. New Delhi since January 1968; *b* 14 May 1924 at Nurmahal in Dist. Jullundur; *Edn* : M.Sc. (Hons) (Chem) in 1950 & Ph. D. (Bio-chem) in 1962 from Panjab Univ.; *Resch Exp* : For over 10 years; *Pub* : About 50 research papers, monograms and departmental reports; *Exp* : D.A.V. College, Lahore 1946-47; Arya College, Ludhiana 1950-51; joined R&D Organisation, Min. of Defence in 1949 and since then held different positions; *Mem* : Association of Scientific Workers of India, Indian Association of Biological Sciences, Indian Science Congress; *Knows* : Urdu, Hindi, Panjabi, English & German; *Hobb* : Astronomy and law; *Add* : c/o Dr. O.P. Nayar, Ferozepur City.

VERMA, I. B. — Principal, Banasthali Vidyapith College of Education, Banasthali since 1964; *b* 26 August 1909 at Agra; *Edn* : M.A. (English) in 1944 at Agra Univ. & M. Ed. in 1950 from Delhi Univ.; *Pub* : Systematic Arithmetic, Ganitsar, Golden Harp, Inspiring Personalities, Milkyway, Principles of Education, Theory of Basic Education etc.; *Honours* : Awardee of Pandya Prize; *Exp* : St. John's College, Agra 1930-31; Maharaja's H.S. Karauli 1931-39; Coronation Hindu Inter College, Moradabad 1939-43; Knox Memorial High School, Roorkee 1943-46; Principal, R.S.M. Inter College, Dhampur 1946-50; Hindu College, Moradabad 1950-55; Ahir College, Rewari 1955-60; A.K. College, Shikohabad 1960-64; *Mem* : Senate, Faculty & Board of Studies in Agra Univ.; Senate, Academic Council, Board of Studies & Dean in Rajasthan Univ.; *Genl* : Keenly interested in students' welfare; *Knows* : Hindi, English, Urdu & Persian; *Hobb* : Writing; *Add* : F/115, Rajouri Garden, New Delhi-27.

VERMA, Keshav Chandra — Principal, B.S.N. Govt. Degree College, Shajapur since September 1966; *b* 4 November 1919 at Jabalpur; *Edn* : M.A. (Econ) in 1942 from Allahabad Univ.; *Pub* : Theory of Public Expenditure, Taxation in a Developing Economy; *Exp* : Teaching experience of over 22 years ; *Mem* : Indian Economic Association, various bodies of the Vikram Univ.; *Knows* : Hindi & English; *Visited* : UK; *Add* : B.S.N. Govt. Degree College, Shajapur, M.P.

VERMA, (Dr) Manindra Kishore — Asstt. Prof. of Linguistics, I.I.T., Kanpur since August 1967; *b* 31 January 1931 at Motihari in Dist. Champaran; *Edn* : M.A. (English) in 1953 from Patna Univ., Dip. Edn. in 1957 from Ranchi Univ., M.A. (Ling) in 1963 & Ph. D. from Univ. of Michigan; *Resch Exp* : In the structures of English and Hindi, Chief Investigator of a computer-oriented dictionary project in USA; *Pub* : Modern English Reader; several papers; *Exp*: Bihar Univ. 1953-56; Dept. of Education, Govt. of Bihar 1956-61; Univ. of Michigan 1963-65; Univ. of Wisconsin, 1965-67; *Mem* : Linguistic Society of America, Linguistic Circle of New York; *Knows* : English, Hindi, French & German; *Visited* : USA 1961-67; Canada 1967; *Hobb*: Music; *Add*: Dept. of Humanities, I.I.T., Kanpur.

VERMA, (Dr) Shivendra Kishore—Prof. & Head, Dept. of Ling. & Contem. English, Central Institute of English, Hyderabad since August 1966; *b* 29 July 1931 at Patna; *Edn* : M. A. (English) in 1951 from Patna Univ., PGCE in 1956 from Univ. of London, Dip. in App. Linguistics in 1962 & Ph. D. (Ling) in 1964 from Univ. of Edinburgh; *Resch Exp* : For past 7 years; *Pub* : An Introduction to Systematic Grammer, Word Order in Hindi, Relations etc.; *Exp* : Patna Univ. 1951-66; *Mem* : Linguistic Society of India, Liguistic Circle of Hyderabad; *Knows* : Hindi, English & Telugu; *Visited* : UK 1955-56 & 1961-64; *Add* : Dept. of Linguistics, Central Institute of Education, Hyderabad-7.

VERMA, (Dr) Virendra Krishna — Reader in Geology, Delhi Univ. since December 1966; *b* 30 June 1934 in Dist. Azamgarh; *Edn*: M. Sc. (Geol) in 1956 with first class first from Lucknow Univ. & Ph. D. (Some Studies in Sedimentary Petrography and Petrology) in 1964 from Univ. of Jodhpur; *Resch Exp*: For nearly 15 years; *Pub*: Several papers on sedimentological subjects; *Exp*: Dept. of Atomic Energy (Atomic Minerals Dn) Govt. of India 1956-63; Jodhpur Univ 1963-66; *Mem*: Geological Society of India; Up-Sachiv, Bhu-Vigyan Parishad; Geological ·Mining & Metallurgical Society of India, National Academy of Sciences of India, Mining Geological & Metallurgical Institute etc.; *Knows*: English, Hindi & Russian; *Hobb*: Playing badminton; *Add*: Dept. of Geology, Delhi Univ., Delhi-7.

VIDYARTHI, (Dr) L. P.—Prof. & Head, Dept. of Anth., Ranchi Univ. since 1958; *b* 28 February 1931 at Patna; *Edn*: M. A. (Anth) in 1953 with Gold Medal from Lucknow Univ. & Ph. D. in 1958 from Chicago Univ.; *Resch Exp*: For over 15 years amongst tribes of India, applied anthropology, folklore; guided over 10 scholars for Ph. D.; *Pub*: Books—Sacred Complex in Hindu Gaya, The-Maler-Nature-Man Spirit Complex in Hill Tribes of Bihar, Cultural Contours of Tribal Bihar, Ghaghra: A Village of tribal Bihar, Cultural Configuration of Ranchi, Cities in India, History of Social Anthropology in India etc. besides about 100 research papers in Indian and foreign journals; *Exp*: Joined Ranchi Univ. in July 1953 and since then held different positions; *Mem*: Sectional President of Indian Science Congress (1967-68), Fellow of American Anthropological Association, attended IX Pacific Science Congress (Tokyo), International Anthropological & Ethnological Congress (USA 1957 & USSR 1964), Vice-President of Anthropological Association of India and Indian Folklore Society, Anthropology Advisory Cttee to Govt. of India; *Knows*: English, Hindi, German, Russian & Sanskrit; *Visited*: USA, UK, USSR & Japan to attend conferences and deliver lectures; *Hobb*: Public speaking, journalism and gardening; *Add*: Lalit Niketan, Adivasi Hostel Road, Ranchi-1.

VIDYARTHI, (Dr) Mohan Lal — Principal, Dayanand Subhas National College, Unnao since August 1964; *b* 14 July 1913 at Kanpur; *Edn*: M. A. (History) in 1937 & M. A. (Pol Sc) in 1942 from Agra Univ., Ph. D. (Sri Aurobindo's contribution to political thought and nationalism); *Pub*: A Text book of History, A History of Indian Culture besides many articles on growth of franchise and the electoral system in British India (1857-1935); *Exp*: Christ Church College, Kanpur; Maharajah's College, Jaipur; D. A. V. College, Kanpur; *Mem*: Several Univ., educational and social bodies; *Knows*: Hindi & English; *Add*: D. S. N. College, Unnao, U. P.

VIJ, (Dr) Dev Raj — Prof. of Education, State College of Edn., Patiala since 196?; *b* 12 February 1926 at Narowal in W. Pakistan; *Edn*: M. A. (Psy) with first class first, M.Ed. with first class first and Gold Medal from AMU; *Resch Exp*: For past 8 years guiding several M. Ed. students; *Pub*: A book—A Guide to Exp. Psychology; numerous papers on subjects like geometrical reasoning, prospective teachers, student behaviour etc.; *Exp*: S. R. Arya High School, Patiala 1948-50; M. U. City High School, Aligarh 1951-52; D. S. Teachers Training College, Aligarh 1953-55; AMU 1955-58; Govt. P. G. Basic Training College, Dharmsala 1958-62; *Mem*: National Association of Teacher Educators, Secy. of Indian Psychological Association (Punjab Branch); *Genl*: Deeply interested in social service and teaching; *Knows*: English, Hindi, Punjabi, Urdu, Sanskrit & French; *Hobb*: Interior decoration, hiking and Urdu poetry; *Add*: State College of Education, Patiala.

VIJAYVARGIYA, (Dr) Prem Chand—Dept. of Hindi, College of Arts & Science, Banasthali Vidyapith, Rajasthan since July 1967; *b* 30 January 1927 at Kota; *Edn*: M. A. (Hindi) in 1949 from Herbert College, Kota; Ph. D. (Social Philosophy of Modern Hindi Poets 1920-67); *Pub*: Books—Natakkar Premi aur Shapath Shameeksha, Ajit Anusheelan, Smriti ki Rekhayen: ek Adhyayan, Bhoodan ek Adhyayan, Munj Dev Meemansa, Goonj Rahee Shahnaee etc.; *Exp*: For 16 years teaching Degree classes and for 5 years P. G. classes; *Mem*: Faculty, Language Reform Cttee of Rajasthan Univ.; *Genl*: Actively participated in Quit India Movement of 1942, Khadi-gram-udyog, Harijan Uplift and rehabilitation; *Knows*: English, Hindi & Rajasthani; *Add*: 2, Arvind Niwas, Banasthali Vidyapith, Rajasthan.

VIJAYVERGIYA, Prem Narayan—Principal, Govt. Degree College, Bareli (M. P.) since July 1967; *b* 1 July 1916 at Bajrangarh in Dist. Guna; *Edn:* M. Sc. (Maths) in 1937 from Agra College, Agra & B. T. in 1945 from Teachers' Training College, Ajmer; *Pub*: Books on Hydrostatics and Calculus; *Exp*: Victoria College, Gwalior; Holkar Science College, Indore; Prof. & Head of Maths. Dept. in M. L. B. & Govt. Science College, Gwalior 19'9-66; *Mem*: Chairman of Board of Studies in Maths. in Jiwaji Univ. 1964-67; member of Academic Council, Court at some times; *Knows*: English, Hindi & Urdu; *Hobb*: Devoted to spiritual attainments; *Add*: Shabd Pratap Ashram, Lashkar, M. P.

VINCENT MURTHY. — Principal, Mount Tabor Training College, Pathanapuram since 1960; *b* 26 October 1928 at Trivandrum; *Edn*: M. Ed in 1958 from P. G. College of Education, Trivandrum; *Resch Exp*: In achievement testing; *Pub:* A few papers on Education in USA, Education in India, Teacher Training Techniques etc.; *Exp:* St. John's College & St. Xaviers College, Palamcottah; Andhra Christian College, Guntur; N.S.S. Training College, Pandalam; *Mem*: Senate of Kerala Univ., National Association of Teacher Educators, Lions International, National Education Association (USA), National Society for the Study of Education (USA); *Honours:* Granted honorary citizenship of Worcester, USA; *Knows*: English, Malyalam, Tamil, Hindi & Telugu; *Visited*: USA, UK, France, Holland, Germany, Greece, Switzerland, Italy & UAR for educational visits; *Hobb:* Western and Indian music; *Add*: M. T. Training College, Pathanapuram, Kerala.

VIROTTAM, (Dr) Bal Mukund—Dept. of History, Ranchi Univ. since July 1961; *b* 31 January 1935 at Didari in Dist Palamau; *Edn*: M. A. (History) in 1957 with first class first winning Gold Medal from Bihar Univ. & Ph. D. in 1966 from Ranchi Univ.; *Resch Exp:* In Political History of Ranchi and Palamau 1585-1830; *Pub*: A book on 'The Nagbanshis and the Cheros' besides papers on Battle of Chatra, Chero Rulers of Palamau, Frauds and Embezzlements in S.W. Frontier Agency in mid-19th century, Emperor Akbar's Contacts with Kokrah etc.; *Exp*: G. L. A. College, Daltonganj, Palamau 1958-61; *Mem*: Indian History Congress, Indo-American History Congress, American Studies Research Centre; *Knows:* English, Hindi & Sanskrit; *Add*: Dept. of History, Ranchi Univ., Ranchi.

VISHNU CHANDRA—Dept. of Chemistry, Gorakhpur Univ. since January 1962; *b* 3 July 1931 at Marehra in Dist. Etah; *Edn:* M. Sc. (Org Chem) in 1951 & Ph. D. in 1962 from Agra Univ.; *Resch Exp:* For over 10 years; *Pub*: Co-author of Practical Chemistry for Degree Classes, A Text Book of Organic Chemistry for Degree Classes and numerous papers; *Exp:* B. R. College, Agra for 11 years; *Mem:* Indian Chemical Society; *Knows:* English, Hindi & Urdu; *Add:* Dept. of Chem., Gorakhpur Univ., Gorakhpur.

VORA, Abdulsattar Haji Ibrahim — Principal, Ahmedabad Arts College, Ahmedabad since July 1966; *b* 25 July 1931 at Nadiad in Dist. Kaira; *Edn*: M. A. (Phil) in 1955 from M. S. Univ. of Baroda; *Resch Exp*: For Ph. D. in the field of Social Philosophy of Islam; *Pub:* Papers on Descartes, Socrates, Islam etc.; books on Logic, Religion and Psychology; short stories in a large number; *Exp:* Gujarat College, Ahmedabad 1955-60; Swaminarayan Arts College, Ahmedabad 1960-64; Principal, Arts & Commerce College, Kaira 1964-66; Principal, Ahmedabad Arts & Comm. College 1966-68; Visiting Asstt. P. G. Teacher to Gujarat College 1957-62 and on Univ. Dept. since 1962; *Mem*: Indian Philosophical Congress; Senate, Academic Council & Board of Library Sc. (Chairman) of Gujarat Univ.; *Knows*: English, Hindi, Urdu & Gujarati; *Visited*: Pakistan; *Hobb:* Poetry recitation; *Add:* c/o Dabhoiwala, Vhorwad, Nadiad, Gujarat.

VYAS, Harinarayan Ambalal—Head, Dept. of Gujarati, P. T. Arts & Science College, Ahmedabad since 1966; *b* 7 July 1929 at Chuwa in Dist. Kaira; *Edn :* M. A. (Gujarati) in 1966 from Gujarat Univ. & B. Ed. in 1956 from M. S. Univ. of Baroda; *Resch Exp :* On the impact of Mahatma Gandhi on Gujarati literature; *Pub* : Khovayo Dharatine Angane, Dharatini Wate Wate, Dharati ni Wato, Sarvodaya na Gito etc.; Jivan-Sangeet, Kranti Ane Sadhana, Manavata nu Bhathu; *Exp :* Shri Vinaya Mandir, Aliabada; Shri Gangajala Vidyapith, Aliabada; Sarva Seva Sangh, Banaras; *Mem :* Gujarat Sarvodaya Mandal, Gujarat Shanti Sena, Vakal Sahitya Sabha, Sarvodaya Pariwar, Trustee of Sindh Education Academy; *Genl :* Great social and political worker; *Knows* : Gujarati, Hindi, Sanskrit, Marathi, English, Pali, Ardha-Magadhi, Bengali, Asamiya and Punjabi; *Visited :* Walked over 20,000 miles in India in connection with Bhoodan work; *Hobb* : Spinning and social work; *Add* : 7, Pragna Society, Navarangpura, Ahmedabad-9.

VYAS, Narendra Prabhashanker—Head, Dept. of Economics, Gujarat Vidyapeeth since June 1966; *b* 7 December 1929 at Kalyanpura in Dist. Mehsana; *Edn* : M A. (Econ) in 1951 from Univ. of Bombay; *Resch Exp :* In economic survey of Saurashtra, rural debt enquiry; *Pub :* One book on Outline of Indian Economy; several papers on methods of economics, food problem and Gandhian economics etc.; *Exp :* L. D. Arts College, Ahmedabad; D. G. Mahavidyalaya, Gujarat; Principal, Y. S. Arts College, Devgad Baria; *Mem* : Senate, Board of Studies of Gujarat Univ. 1960-66; Chairman, Board of Studies in Economics of Gujarat Vidyapith; member of Academic Council etc.; *Knows* : English, Gujarati, Hindi & Sanskrit; *Visited* : Nepal; *Add :* Dept. of Economics, Gujarat Vidyapith, Ahmedabad.

VYAS, (Dr) Ramnarayan — Head, Dept. of Phil. & Psy., Govt. Arts & Commerce College, Indore since 1967; *b* 26 December 1927 at Indore; *Edn* : M. A. (Phil) in 1948 & LL.B. in 1949 from Indore Univ.; Sahitya Ratna in 1948 from Prayag & Ph. D. (Phil) in 1962 from Agra Univ.; *Resch Exp :* For 15 years, working for D. Litt.; *Pub* : Samaj Darshan; Peace, Philosophy & Progress; Ve Use na Rok Sake, The Essentials of Psychology; Svastha Tan, Swastha Man, Svasth Jivan; Education & Human Society, The Universalistic Thought of India, Shiksha men Samanjsyavad etc.; *Honours* : Recipient of Gold Medal and many other prizes; *Exp* : Private teaching upto P. G. classes till 1955; joined M. P. Govt. Colleges in 1956; *Mem :* Several literary, social and educational forums; *Knows* : Hindi, English, Sanskrit; *Add* : Govt. Arts & Commerce College, Indore.

VYAS, Vishwanath Krishanarao — Principal, Anand Sangit Mahavidyalaya, Dhar since 1951; *b* 5 August 1917 at Dhar; *Edn* : B. Music (Vocal) in 1944 from Bhatkhande Univ., Lucknow ; M. Mus. in 1956 from Indore Music College, Indore & Geet Guna Alankar in 1958 from Lalji Music College, Calcutta; *Exp :* Teaching experience of over 22 years; *Mem* : A few educational bodies; *Knows*: Hindi, English, Marathi & Malwi; *Hobb* : Composing 'Ghazals' and giving performances, drawing and painting; *Add* : 23, Pipli Bazar, Dhar, M. P.

VYATHIT, Jai Jai Ram Shakya—School Counsellor, Govt. M. H. S. School, Begamganj since November 1960; *b* 1 April 1934 at Laikpur in Dist. Mainpuri; *Edn* : M. Ed. in 1960 from Allahabad Univ. & M. A. (Psy) in 1964 from Saugar Univ.; *Resch Exp :* For 5 years in classroom grouping; *Pub :* Buniyadi Shiksha men Samvayi Shikshan Padhti, Vishv ke Mahan Shiksha Shastri, Bal Samasayen evam unka Nirakaran, Basic Education in English; several poems; *Exp :* Govt. Middle School, Sehore 1954-58; Govt. Inter College, Sehore 1958-60; Govt. Basic Training College, Sehore 1960-68; *Mem :* several social, educational bodies; *Knows* : Hindi, English, Urdu & Sanskrit; *Add :* Diwakar Bhawan, Bus Stand, Begamganj, Dist. Raisen, M. P.

W

WADHWA, (Dr) Yag Datt — Assoct. Prof., B. I. T. S., Pilani since August 1967; *b* 29 June 1931 at Dunyapur in W. Pakistan; *Edn*: M. A. (Maths) in 1953 from Delhi Univ. & Ph. D. in 1957 from Calcutta Univ.; *Resch Exp*: Guided several Ph. D. students since 1953; *Pub*: About 15 research articles; *Exp*: I. I. T., Kharagpur 1953-64; Iowa State Univ., USA 1964-67; *Mem*: Indian Science Congress, American Institute of Aeronautics (USA); *Knows*: English & Hindi; *Visited*: USA 1960-61 and 1964-67; *Add*: c/o Mr. Jai Gopal Sardana, 13/20, Shakti Nagar, Delhi-7.

WAGHMARE, Raosaheb Mhalsakant—Principal, Nalini & Arvind Arts College, Vallabh Vidyanagar since June 1967; *b* 13 January 1908 at Baroda; *Edn*: M. A. (English) in 1937 from Baroda College & B. T. in 1939 from S. T. College, Baroda; *Resch Exp*: In Comparative study of the English and the Indian epics; *Pub*: Books—Ruskin's The Crown of Wild Olive, H. G. Well's Tono-Bungay, Modern Commercial Correspondence, Kalika, Shreekarpant, Sanz-Wara besides many papers; *Exp*: The New English School, Poona; The Proprietary High School, Ahmedabad; Govt. High School, Padra; Govt. High School, Baroda; Maharani High School for Girls, Baroda; Baroda College, Baroda; P. S. College of Commerce, Baroda; M. N. College, Visnagar; Gujarat College, Ahmedabad; B. J. College of Commerce, Vallabh Vidyanagar; *Mem*: Senate & Academic Council of S. P. Univ., Board of Studies in Marathi of Gujarat Univ.; Dean of Faculty of Arts of S. P. Univ.; President of the Marathi Vangmaya Parishad 1968-69; *Knows*: English, Sanskrit, Marathi, Gujarati & Hindi; *Hobb*: Writing and gardening; *Add*: Kalupura, Brahmin Falia, Baroda-6.

WAGHMARE, Shmt. Shakuntala — Principal, Govt. College of Education, Aurangabad since July 1966; *b* 18 February 1926; *Edn*: M. A. (Marathi) in 1956, B. T. in 1949, M. Ed. in 1947; *Exp*: Govt. Girls High School, Aurangabad 1950; Headmistress, Govt. Girls H. School, Nanded 1952-62; Prof. of Education, Govt. College of Education, Aurangabad 1965-66; *Mem*: Academic Council, Court, Board of Studies & Faculty of Marathwada Univ.; *Knows*: Marathi, English & Hindi; *Hobb*: Home-craft and instrumental music; *Add*: Govt. College of Education, Aurangabad.

WAGLE. (Dr) P. M. — Hon. Professor of Microbiology, Haffkine Institute, Bombay since 1963; *b* aged nearly 70 years; *Edn*: D. T. M. in 1927 from Liverpool Univ., D.B. in 1928 from Manchester Univ., D. P H. in 1929 from London Univ. & M. D. in 1929 from Bombay Univ.; *Resch Exp*: Since 1948 guide to M. Sc. & Ph. D. students at Bombay & Poona Univ.; *Pub*: Over 30 research papers in Indian and foreign journals; *Mem*: Expert Cttee of WHO on Plague, ICMR, Chairman of Plague Cttee of ICMR, Senate of Bombay Univ. and other scientific bodies; *Exp*: Guide to researchers for many years; Director, Haffkine Institute 1949-55; *Knows*: English, Hindi & Marathi; *Visited*: UK, Continent, USA to study organisation of medical research; *Hobb*: Indoor games; *Add*: Haffkine Institute, Bombay.

WAHI, (Dr) Prem Nath—Dir. Genl., I. C. M. R., New Delhi since 1969; *b* 10 April 1908 at Moradabad; *Edn*: MBBS in 1932 with Hewett Gold Medal & M. D. (Medicine) in 1934 from K. G. Medical College, Lucknow; *Resch Exp*: For past 20 years; *Pub*: Over 250 original research papers; *Exp*: Joined S.N. Medical College, Agra in 1935 and Prof. & Head of Dept. of Pathology since 1941, Principal 1960-68; Vice-Chancellor, Agra Univ. 1968-69; *Mem*: Royal College of Physicians (London), National Institute of Sciences of India, Indian Academy of Medical Sciences, Expert Advisory Panel of WHO on Cancer; Advisor to Min. of Health, Govt. of India for Cancer; Vice-Chairman of the Scientific Council of International Agency for Research on Cancer, International Union against Cancer, College of Pathologists (London); participated in numerous Govt. and international Conferences on Cancer etc.; *Knows*: Hindi, English & Urdu; *Visited*: UK, USA, Central, East & West Asia, Norway and Sweden, USSR, Japan, Austria, Switzerland, Thailand, Ceylon, France for a large number of times; *Hobb*: Golf playing; *Add*: Indian Council of Medical Research, Ansari Nagar, New Delhi-16.

WALLI, (Dr)Mrs. Kaushalya—Dept. of Sanskrit, J & K Univ., Jammu since 1964; *b* 27 November 1935 at Srinagar (J & K); *Edn*: M. A. (Sanskrit) in 1956 from Indraprastha College, Delhi; Dip. in Russian in 1959 and D. Phil. (Sanskrit) in 1960 from Allahabad Univ.; M. A. (Hindi) in 1964 from J & K Univ.; *Resch Exp*: In the concept of Ahimsa in Indian Thought; *Pub*: Several articles on subjects like Ahimsa, Bharatiya Sanskriti, Ramayan, Mahabharat and Ahimsa, Animal Sacrifice, Meat eating and Ahimsa, Stree Shakti, Vivekanand, Buddha aur Manavta etc.; *Exp*: Started with J & K Univ.; *Mem*: All India Oriental Conference; *Knows*: Kashmiri, Hindi, English, Sanskrit, Russian, Urdu and Dogri; *Hobb*: Music, painting, gardening etc.; *Add*: Teachers Hostel, Flat No. 4, Canal Road, Jammu Tawi, J & K.

WANKHADE, (Dr) Manohar Namdeo—Principal, Milind College of Arts, Aurangabad since August 1966; *b* 20 January 1924 at Chikhli in Dist. Buldana; *Edn*: M. A. (English) in 1952 from Nagpur Univ., M. A. (English) in 1963 from Indiana Univ. & Ph. D. (American Literature) in 1965 from Florida Univ., USA; *Resch Exp*: On Walt Whitman and Tantrism; *Pub*: Numerous articles like Lolita—An Appraisal, Zen and the Beat Generation, Maratha Society and Ballads, Gods and Goddesses in Maratha ballads; contributor to reputed magazines; *Honours*: Fulbright Award 1962-66, Gold Medal from Nagpur Univ. in B. A. (Hons), N. K. Behere Prize; *Exp*: Milind Maha Vidyalaya, joined in 1951 and Principal 1958-62; *Mem*: All India English Teachers' Conference, American Studies Research Centre, Indian Cttee for Cultural Freedom; *Knows*: English, Marathi, Hindi & French; *Visited*: UK and USA; *Hobb*: Music; *Add*: Milind College of Arts, Aurangabad.

WANKHADE, (Dr) Rangrao Dattatraya — Head, Dept. of Agrl. Chem., R. A. K. College of Agri., Sehore since April 1967; *b* 24 January 1926 at Khada in Dist. Wardha; *Edn*: M. Sc. in 1956 & Ph. D. in 1967; *Resch Exp*: For more than 12 years; *Pub*: Books—Theoretical Aspects of Practical Agrl. Chemistry, Laboratory Manual; papers over 20; *Exp*: College of Agri., Gwalior 1952-61; College of Agri., Rewa 1961-62; College of Agri., Gwalior 1962-64; College of Agri., Indore 1964-67; *Knows*: Marathi, Hindi & English; *Visited*: USA; *Add*: R. A. K. College of Agri., Sehore, M. P.

WANKHEDE, Namdeo Parashram – Divn. of Agronomy, IARI, New Delhi; *b* 1 March 1926 at Amrapur in Dist. Buldana; *Edn*: P. G. Diploma in 1953 from IARI, New Delhi; *Resch Exp*: In agronomic practices and use of fertilisers in Cotton, Paddy, Wheat, Toria etc.; *Pub*: Cotton at Surat, Preliminary Trials in Weed Control in Cotton and several others; *Exp*: Since 1954 engaged in research work in many crops; *Mem*: Associated with Indian Journal of Agronomy of IARI; *Genl*: Keenly interested in cultivating social contacts; *Knows*: Marathi, Hindi, Gujarati & English; *Hobbs*: Painting and travelling; *Add*: Divn. of Agronomy, IARI, Hillside Road, New Delhi-12.

WARADPANDE, Bapurao Narayanrao—Principal, M. M. College of Science, Nagpur since June 1964; *b* 16 December 1918 at Nagpur; *Edn*: M. Sc. (Org Chem) in 1941 from Govt. College of Science, Nagpur; *Exp*: Govt. College of Science, Nagpur for 5 years; for past 20 years at M. M. College of Science, Nagpur; *Mem*: A few social bodies; *Knows*: Marathi, Hindi & English; *Add*: M. M. College of Sc., Nagpur.

Y

YADAV, (Dr) B. S.—Reader in Maths., S. P. Univ. since August 1964; *Edn*: M. Sc. (Maths) in 1957 from AMU & Ph. D. in 1965 from M. S. Univ. of Baroda; *Resch Exp*: For past over 12 years in Fourier analysis and functional analysis; *Pub*: About 20 research papers in international journals; *Exp*: Univ of Baroda 1958-64; *Mem*: Indian Mathematical Society, Allahabad Mathematical Society; *Knows*: English, Hindi, Gujarati, Urdu, French & German; *Add*: Vill. Tehara, P. O. Surir, Dist. Mathura, U. P.

YAJNIK, Amritlal Bhagwanji—Principal, Mithibai College of Arts & Chauhan Institute of Science, Vile Parle (West) Bombay since 1961; *b* 8 August 1913 at Dhrangadhra in Gujarat; *Edn*: M. A. (Gujarati) in 1939 from Bombay Univ.; *Pub*: Books—Apna Balko, Sarvangi Bal-Uchher, Americani Sankritini Rooprekha, Ame American Loko, Dhairya Sheeloni Veer-Katho etc.; *Exp*: Prof. of Gujarati, Ramnarain Ruia College, 1939-60; Principal, K. J Somaiya College, Ghatkopar 1960-61; *Mem*: Several social and educational bodies; Academic Council, Senate, Board of Studies in Poona, S. N. D. T. & Bombay Univ.; Chairman, Board of Studies in Gujarati at Bombay Univ.; *Knows*: English, Gujarati, Hindi & Marathi; *Add*: Principal's Qrs., Mithibai College, Vile Parle, Bombay-56.

YAJNIK, Kishorkant S.—Director, General Education Centre, M. S. Univ. of Baroda since 1957; *b* 30 August 1910 at Baroda; *Pub*: Books—The College Education for All in India, The Teaching of Social Studies in India, The Dynamic Methods of Teaching in Schools, The Cumulative Records, Indian History for College Students etc.; *Genl*: Closely associated with reform and reconstruction of secondary education in Gujarat, organised the Univ. Experimental School on modern lines in Baroda Univ.; Genl. Editor of text books of Social Studies for Hr. Sec. Schools for NCERT; *Visited*: Widely travelled in USA, Europe, Japan; *Add*: Vikrambag, Baroda-2.

YASHPAL — Writer-Novelist, *b* 3 December 1903 at Ferozepur; *Edn*: B. A. in 1926 from National College, Lahore; *Pub*: Short Story Collections—Abhishap, Gyandan, Pinjre ki Uran, Tark ka Toofan, Dharam Yudh, Uttradhikari, Sach bolne ki bhool, Admi aur Khachar etc.; Novels—Jhootha Sach, Manushya ke Roop, Pakka Kadam, Desh Darohi, Barah Ghante, Apsara ka Shap; Political Essays—Gandhivad ki Shiv Priksha, Ram Rajya ki Katha; Honour Essays—Bat bat men bat, Nyay ka Sangharsh; others—Dekha Socha Samjha, Sinhavlokan, Rahbiti; *Honours*: Presented an Abhinandangranth by Punjab Govt. in 1956; Dev Puraskar in 1955 by M. P. Govt.; Awarded by U. P. Hindi Sahitya Sammelan in 1966; *Mem*: Nagari Pracharini Sabha, Humorist Society, International Club etc.; *Genl*: Actively participated in revolutionary movement for the independence of India, sentenced for 14 years and released in 1938; *Knows*: Hindi, Urdu & English; *Visited*: USSR and Czechoslovakia in 1956 and 1958 to attend writers, conferences; *Add*: B-335, Mahanagar, Lucknow.

YASIN, (Dr) Mohammad — Head, Dept. of App. Physics, Engg. College, AMU, Aligarh since September 1965; *b* 28 December 1924 in Dist. Rae Bareli in U. P.; *Edn*: M. Sc. (Physics) in 1950 from AMU and Ph. D. (High Energy Physics) in 1955 from Univ. of Bristol, UK; *Resch Exp*: For past 17 years; *Pub*: Several papers on Decay of Neutral V—Particles, heavy mesons and hyperons, heavy unstable particles produced in high energy nuclear disintegrations etc.; *Exp*: Atomic Energy Establishment, Trombay for 5 years; Regional Engg. College, Srinagar J & K; *Genl*: Worked on maintenance and fabrication of nuclear instruments; *Knows*: Urdu, Hindi & English; *Visited*: UK; *Add*: Dept. of App. Physics, Engg. College, AMU, Aligarh.

YASIN, (Dr) Mohammad—Head, Dept. of History, J & K Univ., Srinagar since 1963; *b* 1 December 1927 at Ghazipur in U. P.; *Edn:* M. A. (History) in 1950 from Lucknow Univ., LL. B. in 1953, Ph. D. (Indo-Muslim History) in 1955, Dip. in Persian in 1955 from Lucknow Univ.; D. Litt. (Indian-Muslims—A Socio-Political Study 1748-1898) under submission; *Resch Exp:* For over 15 years; guided several Ph. D. students; *Exp:* Lucknow Univ. Tutor 1950-54, Lecturer 1954-62; Univ. of McGill, Canada for one year; *Pub:* Books—A Social History of Islamic India, Tarikhi Ja'ze, Studies: Historical & Cultural, Hindu Mazhab ki Jhalkian, Hindustani Nizam ke Chand Asasi Pahloo; several papers and articles; *Mem:* Modern Indian History Society, U. P. Historical Society, Indian History Congress, Indian Institute of Islamic Studies, Indian Institute of Historical Studies etc.; President, Secy. and Convenor of many literary and social organisations in India; *Add:* Dept. of History, J & K Univ., Srinagar.

YAWALKAR, (Dr) Keshao Shrawan — Technical Director, Yawalkar Insecticides, Khare Town, Dharampeth, Nagpur-1 since 1962; *b* 1 July 1926 at Warud in Dist. Amravati; *Edn:* Assoc. IARI (Agrostology) in 1950 from IARI, New Delhi; Ph. D. (Agronomy) in 1953 from Minnesota Univ., USA; *Resch Exp:* In-charge of All India Fertilizer Trial Scheme; guided many students for M. Sc. and Ph. D. degrees; *Pub:* Manures & Fertilizers, Commercial Fertilizers in India, Introduction to Principles of Soil Physics, Agrl. Geology & Climatology, Vegetable Crops of India, Agriculture in India (2 parts); *Exp:* For ten years at IARI, New Delhi; guide for Ph. D. at Nagpur Univ.; *Mem:* Chairman, Board of Studies in Agronomy, Nagpur Univ.; *Knows:* English, Marathi & Hindi; *Visited:* USA 1950-53 for Ph. D.; *Add:* Khare Town, Dharampeth, Nagpur-1.

YEDURAPPA, (Dr) Kestur Guruchanna Basappa—Chest Physician, Karnatak Medical College Hospital, Hubli since October 1964; *b* 27 May 1929 at Kestur in Dist. Tumkur; *Edn:* M. D. (Medicine) in 1964 from Univ. of Delhi & T. D. D. in 1959 from Mysore Univ.; *Pub:* About 30 research papers; *Exp:* P. K. Sanatorium, Mysore 1955-60; P. C. T. Clinic, Mysore 1958-59; Victoria Hospital & Bangalore Medical College 1962-64; Medical College, Mysore 1964; *Mem:* American College of Chest Physicians (USA); *Knows:* Kannada & English; *Hobb:* Gardening; *Add:* Karnatak Medical College Hospital, Hubli.

YEOLA, Ekanath Dagadu—Dept. of Chemistry, Poona Univ.; *b* 29 August 1940; *Edn:* M. Sc. (Phy Chem) in 1965 from Poona Univ.; *Resch Exp:* In dielectric constant and molecular structure on Kelkar scholarship; *Exp:* Started with Poona Univ.; *Add:* 1009/3 Chatushringi Road, Deshpande's Bungalow, Poona-16.

YOGI, Devachandbhai Vaghajibhai—Head, Dept. of Biology, Science College, Kadi since June 1968; *b* 22 August 1937 at Keshani in Dist. Mehsana; *Edn:* M. Sc. (Bot) in 1965 from Gujarat Univ.; *Resch Exp:* Preparing for Ph. D.; *Pub:* A few research papers; *Exp:* L. H. Science & S. D. Arts College, Mansa 1965-68; *Mem:* Indian Science Congress; *Knows:* English, Hindi & Gujarati; *Hobb:* Study of birds and insects; *Add:* Brahma Pole, Manipur, Near Tower, Kadi, N. Gujarat.

Z

ZAHEER, (Dr) Syed Husain — Ex-Director General. Central Scientific & Industrial Research & Ex-Secy. (Ex Officio), Ministry of Education; *b* 7 November 1901; *Edn*: M.A. (Oxon), Dr. Phil. Nat. (Heidelberg) & F.R.I.C.; *Exp*: Member of Indian National Congress 1935-47; courted jail during Quit India Movement; Director, Regional Research Laboratory, Hyderabad 1948-62; Discussion Leader of Indian Delegation in four sessions of the UN Conference on the Application of Science & Techy. for the Benefit of less developed Areas; Leader, Indian Delegation to 6th World Petroleum Congress at Frankfurt 1963; Leader, Scientists Delegation to UAR 1963; Director-General, CSIR 1962-68; *Mem*: Associated with several expert cttees concerning education, industrial development, has 60 patents to his credit, over 100 publications and research papers; formerly Chairman of Inventions Promotion Board; *Add*: c/o 87, Lodi Estate, New Delhi-3.

ZAKARIA,. (Dr) Rafiq — Minister, Govt. of Maharashtra since March 1967; *b* 5 April 1920; *Edn*: M.A. (Ist Class), Ph. D. (London), Bar-at-Law, Chancellor's Gold Medalist (Bombay Univ); educated at Anglo-Urdu High School, Poona; Ismail Yusuf College, Govt. Law College, Bombay; London Univ., Lincoln's Inn; *Exp*: Correspondent on Indian Affairs for Observor (London) 1947-48; President, London Majlis 1945-47; Chairman, Federation of Indian Students Societies in British Isles & Europe 1947; Genl. Secy. of Bombay Youth Congress 1950-51; President of Indo-Arab Society; Founder & President of Maulana Azad College of Arts, Sc. & Commerce, Aurangabad; has written for several Indian and foreign newspapers and broadcasts often; nominated MLC in Maharashtra in 1960; appointed Congress Chief Whip in July 1960; MLA, Maharashtra 1962-67; Member of Executive Cttees of AICC & Maharashtra Pradesh Congress Cttee; Dy. Minister 1962-64; Advocate, Bombay High Court; Indian Representative to 20th Session of UN; Minister 1964-67; *Pub*: A Study of Nehru; *Add*: B-7, Foreshore Road, Bombay-1.

S.C.E.R.T., West Bengal
Library
Calcutta
25/3, B. C. Road

Please Contact

For all your requirements for M. Sc. & Research Labs.

ELECTROMAGNETS, 'e/m' APPARATA (HELLICAL, BAR MAGNET & MAGNETRON METHODS) POWER SUPPLIES, MILIKAN'S OIL DROP APPARATUS

Quarter Wave Plate, Poloroids, Ultrasonic, Photo-Voltic Cell & other Experiment Apparatus

INDUSTRIAL ELECTRONICS

100, UB, Jawahar Nagar, Delhi-7

Phone : 22-5192 *Grams :* HARITRON

INSTRUMENTATION

Is the Backbone of

TECHNOLOGICAL & INDUSTRIAL ADVANCEMENT

And we too do our bit by making

* ELECTRONIC/ELECTRICAL INSTRUMENTS
* EDUCATIONAL KITS
* DEMONSTRATION APPARATUS
* SPECIAL ELECTRONIC EQUIPMENT FOR RESEARCH AND COMMUNICATION
* VARIOUS PARTS & COMPONENTS

For a wide range of applications to

CUSTOMERS' OWN SPECIFICATIONS

Kindly refer your enquiries to

INSTRUMENTS & COMPONENTS

Manufacturers, Suppliers & Service Engineers

Dev Nagar Bus Stop, Karol Bagh,

New Delhi-5.

Phone : 566193 *Grams :* INSCOM

With best compliments from

Ex-Soldiers Motor Transport Company

Rajpur Road, Dehra Dun.

Please contact for

BUSES * DELUXE TOURIST BUSES * TOURIST CARS AND OTHER TRAVELLING FACILITIES

I. P. S. T.

The Israel Programme for Scientific Translations publishes a wide range of books, mostly translations from Russian originals, which are intended to meet the needs of researchers and advanced workers in almost every scientific and technical field.

Principal Categories covered :

AGRICULTURE & FISHERIES
BIOLOGY, CHEMISTRY & CHEMICAL TECHNOLOGY
ENGINEERING AND METALLURGY, GEOSCIENCES
MATHEMATICS & PHYSICS, MEDICINE, POLITICAL SCIENCE AND HISTORY.

STANDING ORDERS ACCEPTED

Details on request.

Distributors in India :

RUPA & CO.

15, Bankim Chatterjee Street, Calcutta-12.

Also at : **ALLAHABAD * BOMBAY & DELHI.**

For

MICROSCOPES, BALANCES, PREPARED SLIDES, PHYSICS DEMONSTRATION APPARATUS, MEASURING INSTRUMENTS, POWER SUPPLIES, BATTERY ELIMINATORS, GLASS WARES & LABORATORY CHEMICALS ETC. ETC.

For Research, Educational & Industrial Laboratories

Please Contact :

BISCO SALES CORPORATION

Sarup Buildings, Malka-Ganj Road,

DELHI-7.

Phone : **220625**

VEEKAY INDUSTRIES

Engineers & Manufacturers

2930, Rajguru Road, Paharganj, New Delhi-55

Phone : **277101**

New Factory Site : **122, Industrial Estate, Mile 20, Mathura Road, Faridabad.**

VEEKAY

DEPENDABLY TRUSTED NAME IN SCIENTIFIC APPARATUS

Manufacturers :

* DAIRY APPLIANCES

** SCIENTIFIC APPARATUS, GROUND GLASS JOINTS, ASSEMBLIES, FULL RANGE OF TABLE BLOWN WARES & GRADUATED WARES

*** SCIENTIFIC POLYTHENE WARES

Specialists in : Manufacture of Soil Testing Apparatus

Stockists in : SIGCOL SCIENTIFIC GLASSWARE

GLOBE BATTERIES

for

Scientific Laboratories, Wireless Equipments, Movie Flash Units, Automobiles & Motor Cycles

LAST LONGER—SERVE BETTER

GLOBE ENGINEERING CORPN.

2547, Rajaguru Road, Paharganj,

New Delhi-55

Phone : **277252**

For

Distiniguished

LIBRARY, SCHOOL, COLLEGE & UNIVERSITY BOOKS

Please Contact

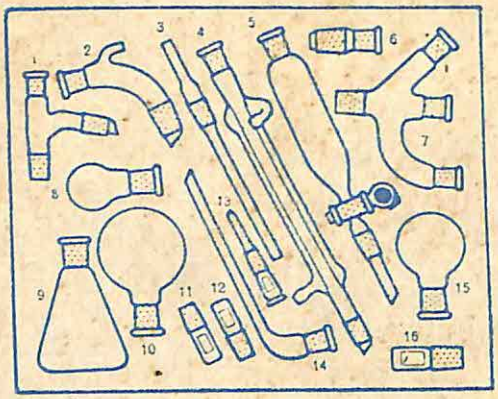
LAKSHMI NARAYAN AGARWAL

Hospital Road, Agra.

Educational Publishers & Book-Sellers of repute in India

FINE FIT

FINE



FIT

Manufacturers of : **GROUND GLASS JOINTS * VACUUM APPARATUS * STOP COCKS * ASSEMBLIES * GRADUATED WARE AS PER CLASS A & B of N.P.L. and other TABLE BLOWN APPARATUSES**

Specialists in : **FABRICATIONS OF INDUSTRIAL GLASS APPARATUSES as per description and blue prints.**

G. T. INDUSTRIES

Factory :

G. T. Industries
0/25, Industrial Area
BAHADUR GARH
(Haryana)
Phone : **354**

Administrative Office :

Post Office Bldg.,
Jawahar Nagar,
Delhi-7

Phone : **221812**

While touring India

always keep at hand

ENCYCLOPAEDIA

HOTELS des

INDIA

& NEPAL

A travellers Guide to Hotels, Restaurants, Rest Houses, Guest Houses & Shopping Centres in India and Nepal.

Publishers :

HARDY & ALLY (INDIA)

8/44 Regal Bldg., Con. Circus,

Post Box 184,

New Delhi-1

923.7
NAT